

Exhibit A

Date	11/1/2019
General Comments	Please see complaint investigation remarks.
Report Status	Approved
Spread	H
Redline Change	No
Redline Change Comment	
Access Road	
Laydown Yard	
Starting Station	12150+00
Ending Station	12205+00
Starting Mile Post	230.1
Ending Milepost	231.2
Starting_Lat_Long	
Ending_Lat_Long	
Weather Condition AM	Sunny
Weather Condition PM	Sunny
Weather Temp High	52
Weather Temp Low	35
Rain Amount (inches)	0
Title	Complaint Investigation IR#292638
Complaint Investigation	Yes
Complaint Investigation Remarks	Inspectors Dane Blevins and Josh Hale received a DEQ complaint this day from the Bradshaw Road area around lunch time. Inspectors reviewed the complaint document then traveled to the Bradshaw Road area. The complaint stated that "significant sediment laden waters" were running directly into Bradshaw Creek at the time of the photo in the complaint. Inspectors traveled to the location the photo in the complaint was taken and Inspector Blevins photographed this section of S-C21 (Bradshaw Creek). This location was approximately ½ mile upstream of the ROW. Inspectors then traveled back toward the ROW crossing of S-C21 stopping to take photos of the stream in different locations until arriving at the ROW crossing of S-C21. Inspector Blevins photographed the

stream at the ROW crossing and observed areas at this location that could possibly contribute runoff from the ROW to S-C21. ECDs appeared to be in place at these locations and all observed ECDs appeared to be maintained and functional. Also observable in the photos, stream S-C21 appears to get somewhat cloudier at each photographed location as it flows closer to the ROW and beyond. No changes in this pattern were observed as S-C21 passed by the ROW and no evidence of sediment entering the ROW was identified in this area. Inspectors also traveled to the location of the confluence of S-C21 and the North Fork Roanoke River and photographed this area. At the time of inspection, the North Fork Roanoke River was observably more turbid than S-C21 (Bradshaw Creek). Please see photos in photo log attached to this report.

Inspectors Blevins and Hale had walked and observed the ROW and associated ECDs in the area of the complaint earlier this day from station 12150+00 to 12205+00. This section of ROW parallels a stream named Womack Branch that is a tributary to S-C21 (Bradshaw Creek). Inspectors closely examined perimeter controls in this area during their inspection this day due to the repeated complaints to DEQ in the area. In addition to perimeter controls, inspectors observed water bars and ROW stabilization throughout this area. A broken P1 silt fence stake was observed at station 12182+00. Minimal sediment build up was observed on this section of P1 and no evidence of sediment escaping the ROW was identified. Inspector Blevins photographed this issue, opened an action item (#3731) and sent the information to E.I. John Brcic. This deficiency was resolved later this day and the action item was updated. Inspectors arrived at the ROW crossing of Bradshaw Road and identified a roadside cut slope that was beginning to slip down into the ditch line of Bradshaw Road. The material that had slid was still very vegetated and no evidence of sediment entering the ditch line was observed. This ditch line conveys runoff from both the slipping slope and Bradshaw Road directly into S-C21. There is a triple stack of CFS installed in this ditch line between this slope and S-C21 to treat runoff. Inspectors met with E.I. John Brcic this day to discuss this issue and

Inspector Blevins opened an action item (#3732) for the slope to be repaired and stabilized. This slope had been repaired and stabilized earlier this year and photos from this repair can be found in Inspector Blevins's report from July 22, 2019. No other ECD deficiencies were observed in this area this day, nor any evidence where ECDs had been overtopped or sediment had left the ROW.

DEQ Complaint ID Number IR#292638

Attachments [Photo Log - 11-1-19 IR#292638.pdf](#)

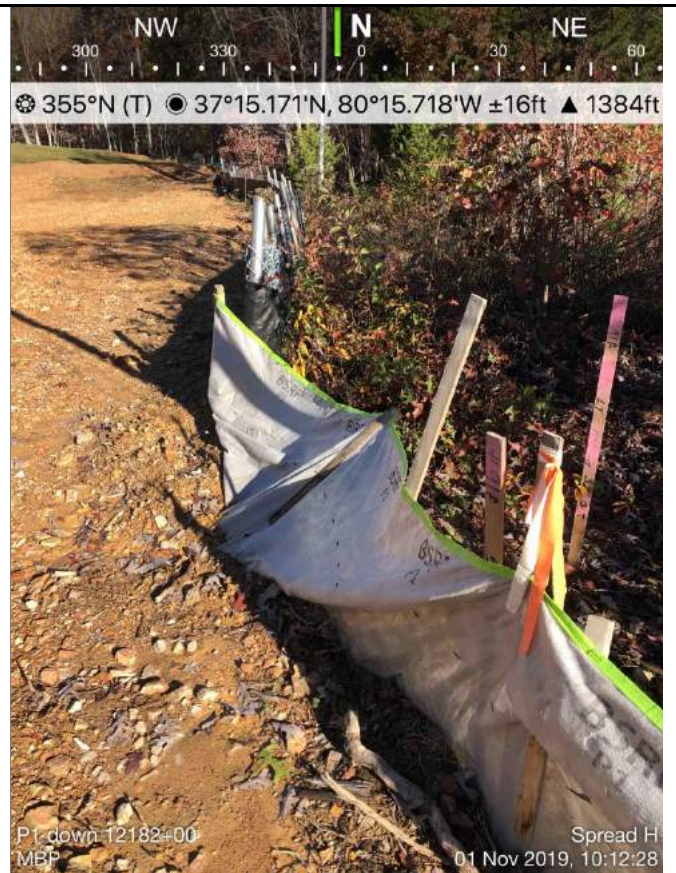
Content Type: Item

Version: 2.0

Created at 11/1/2019 5:39 PM by ☐ Dane Blevins

Last modified at 11/4/2019 11:17 AM by ☐ Cody Bain

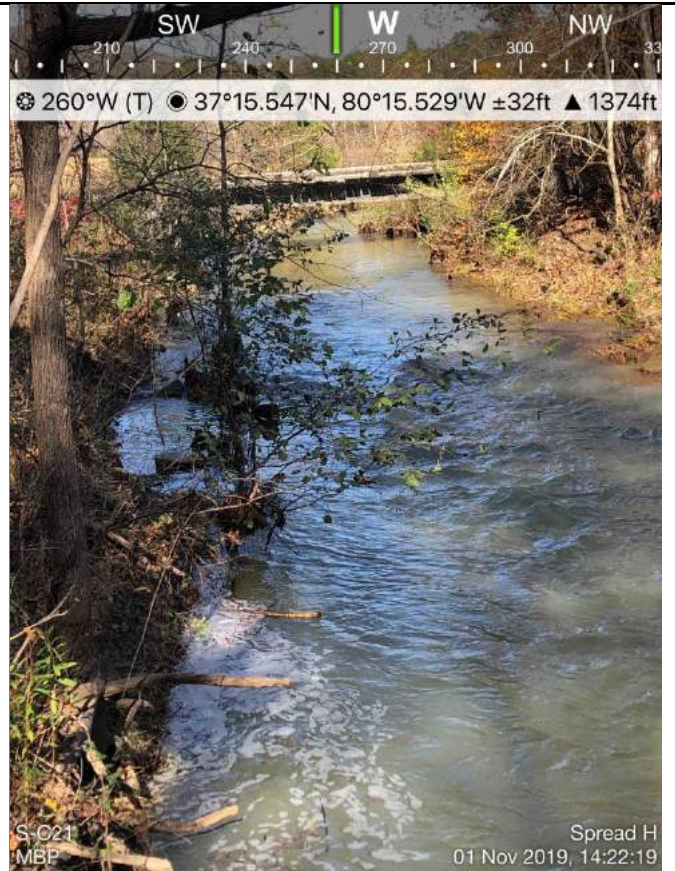
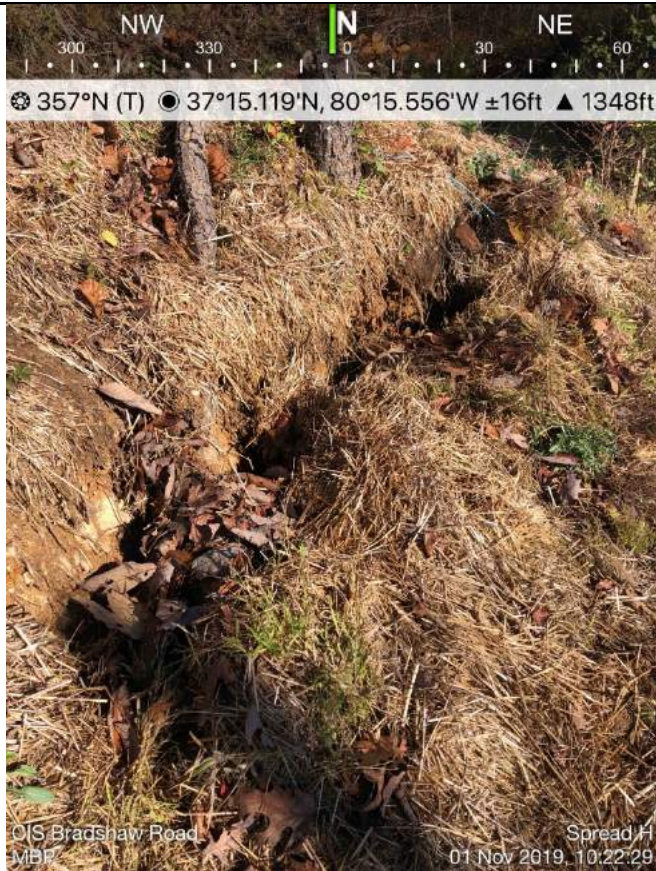
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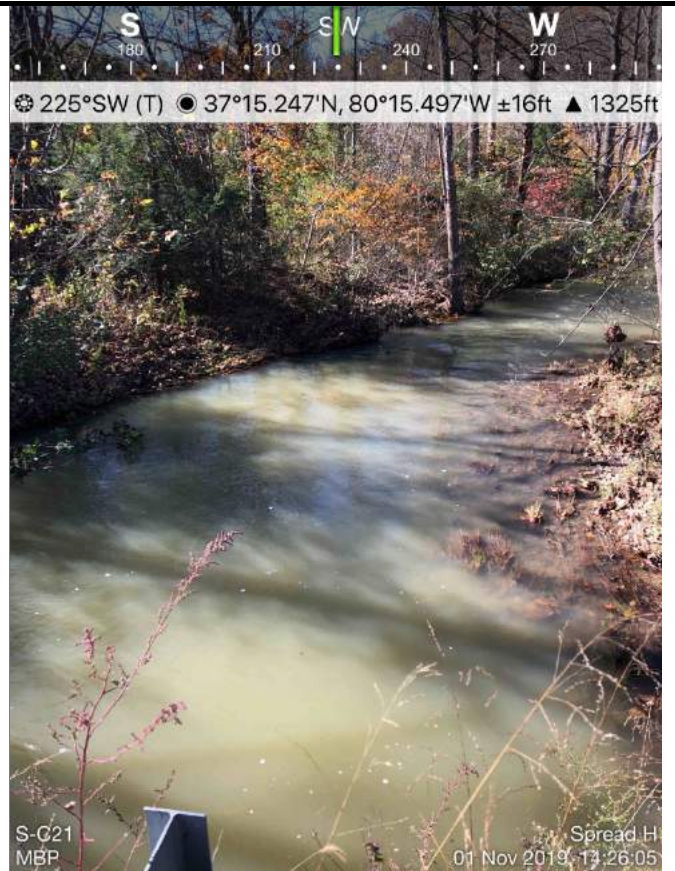
Caption



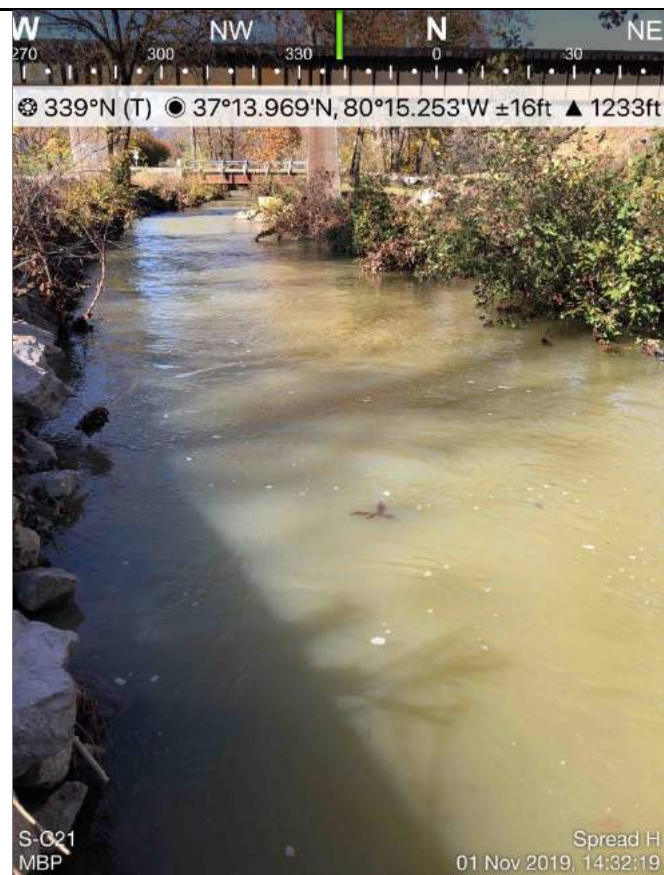
Caption



Caption



Caption



Caption



Caption



Mountain Valley Pipeline, rr <mountainvalleypipeline@deq.virginia.gov>

SE Failures on MVP ROW, subsequent sediment in Bradshaw creek

Tina Badger <forestchilde@gmail.com>

Fri, Nov 1, 2019 at 10:36 AM

To: Elly Benson <elly.benson@sierraclub.org>, "Mountain V. Watch" <mountainvalleywatch@gmail.com>, "mountainvalleypipeline@deq.virginia.gov" <mountainvalleypipeline@deq.virginia.gov>

To VA DEQ Staff,

I am once again submitting photos of extremely inadequate SE controls on the MVP ROW that show this project cannot be constructed without grave damage to the water. It is unfortunate that yesterday's rain fell at a time that made getting good documentation difficult, I was able to at least get several photos of significant sediment laden waters that run directly into Bradshaw creek and subsequently end up in the Roanoke River. This site has been reported on numerous occasions during various stages of construction.

Upstream of MVP ROW is, as always, running?relatively clear even after more than an inch of rain fell:





Mountain Valley Pipeline, rr <mountainvalleypipeline@deq.virginia.gov>

SE Failures on MVP ROW, subsequent sediment in Bradshaw creek

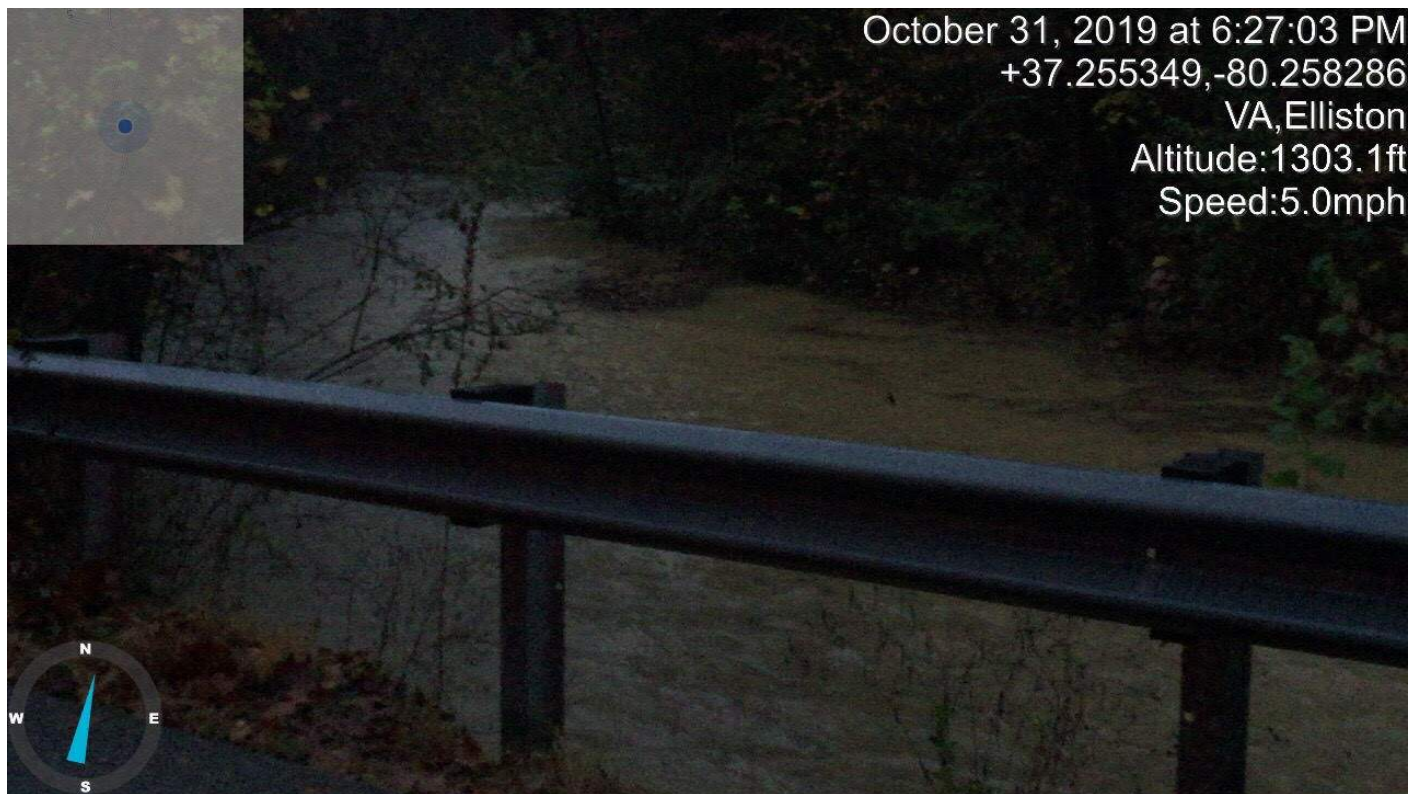
Tina Badger <forestchilde@gmail.com>

Fri, Nov 1, 2019 at 10:53 AM

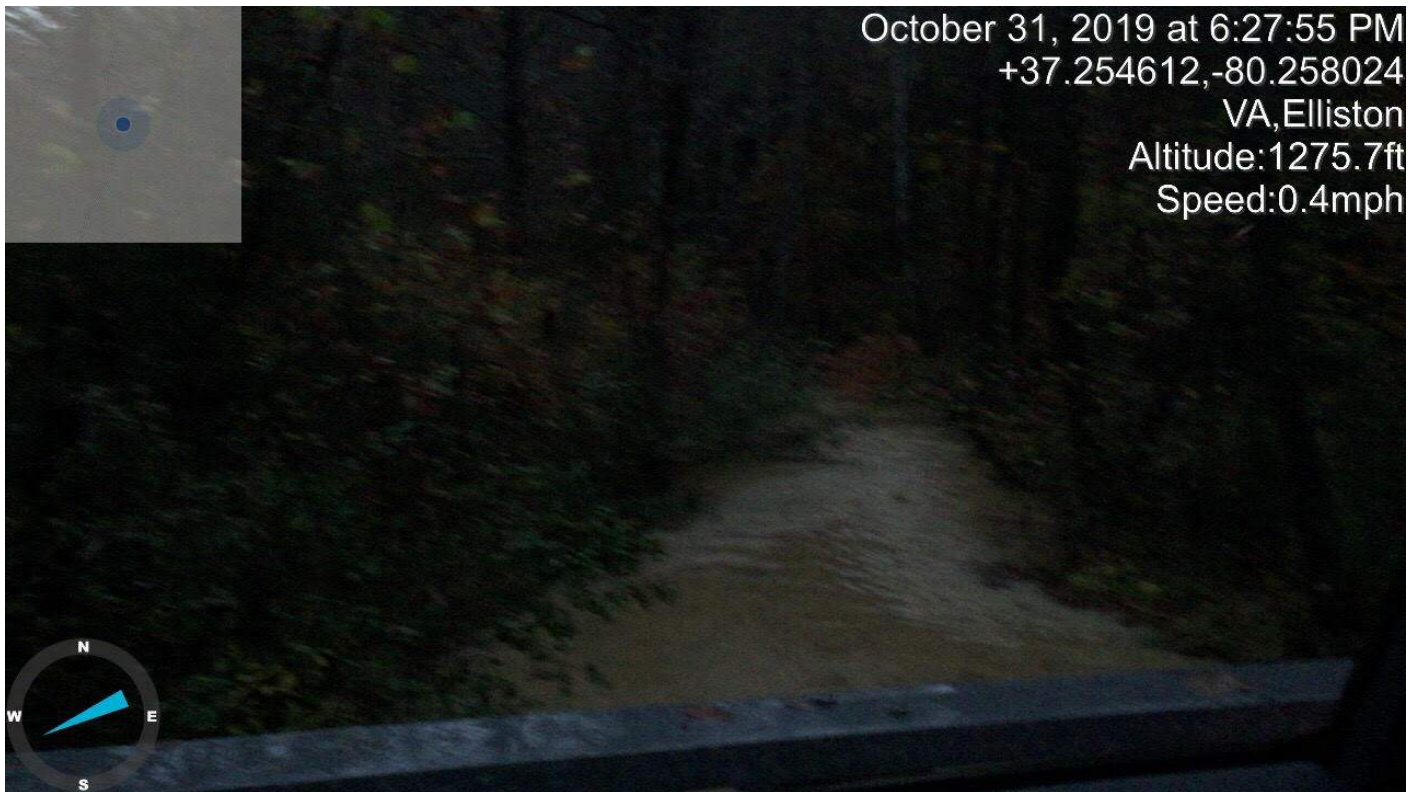
To: Elly Benson <elly.benson@sierraclub.org>, "Mountain V. Watch" <mountainvalleywatch@gmail.com>, "mountainvalleypipeline@deq.virginia.gov" <mountainvalleypipeline@deq.virginia.gov>

My apologies as I hit send accidentally. Here are the remaining photos.

It is difficult to see here but sediment laden water is emptying in Bradshaw creek from an inaccessible UNT. Never in my years of living and traveling Bradshaw have I seen sediment entering the creek here until MVP began construction. DEQ claims the Railroad is to blame. If this is the case then I'd ask why their violations have not been corrected?



Bradshaw downstream from above image:



Sediment laden water from MVP ROW:



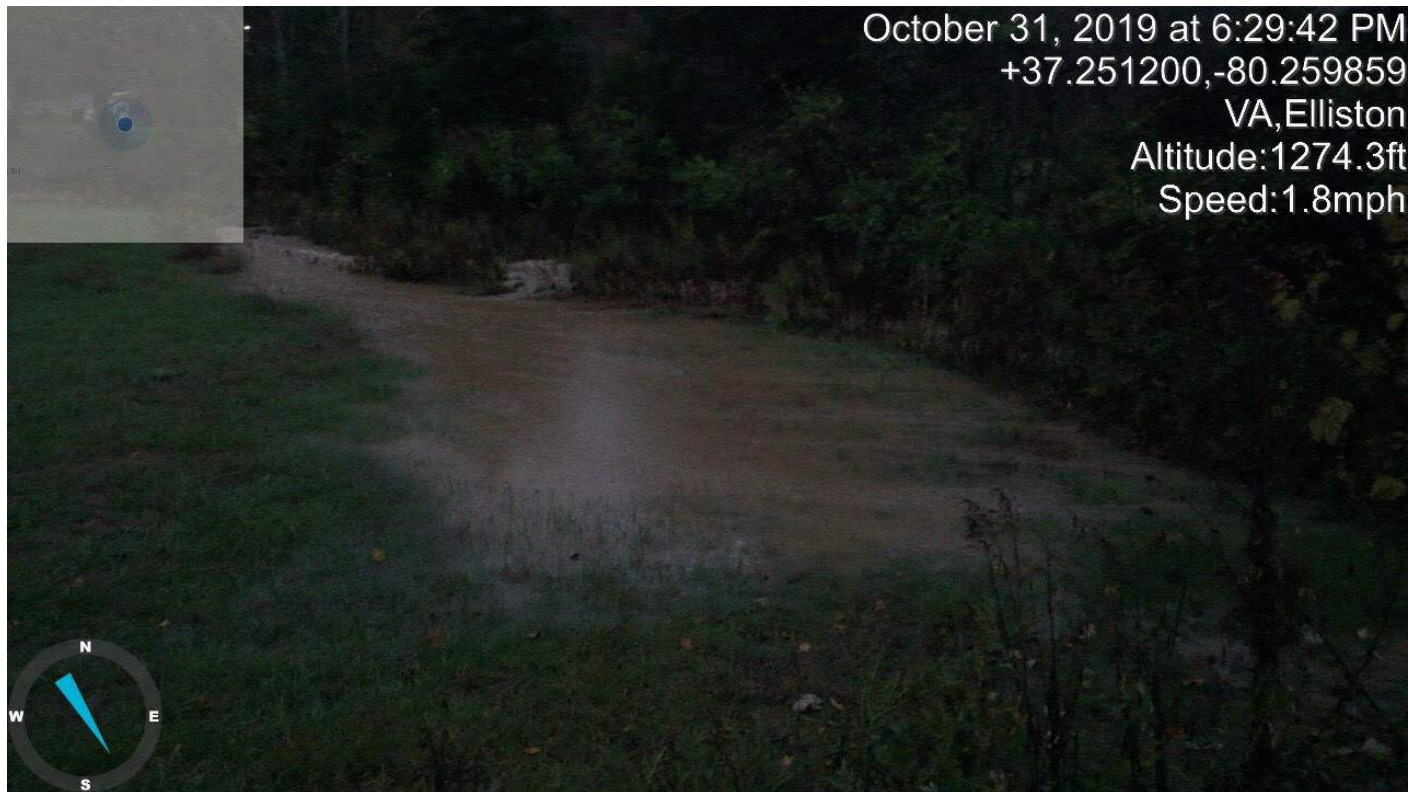
Sediment laden water from MVP access road and an UNT that MVP crosses between Bradshaw and Flatwoods:



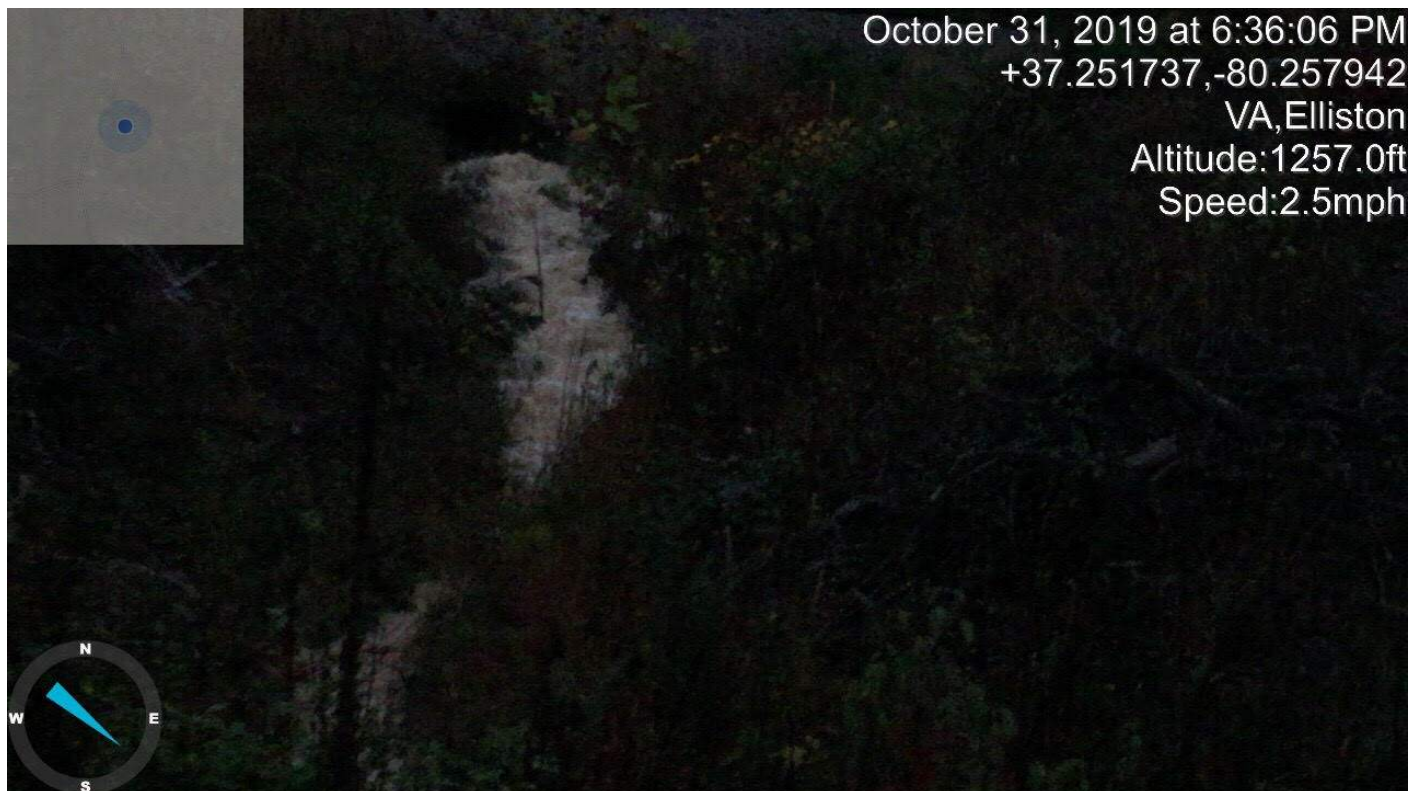
Sediment laden water from an UNT that MVP crosses. This empties into Bradshaw creek:



The same UNT across Bradshaw rd flooding a field:



Sediment laden water running from a culvert opposite side of the RR tracks from the MVP ROW. This UNT also empties into Bradshaw Creek:



Obvious SE control failures below the steep slope MVP ROW ascends. This section has been reported multiple times:



This is difficult to see but previous images have been submitted showing sediment laden waters running directly off the MVP ROW. This section is on the other side of the RR bank and is clearly coming from the MVP ROW:



Once again, this is ample evidence that this project cannot continue without damaging our waters and the habitat of the endangered Roanoke Logperch.

Tina Badger
[Quoted text hidden]

Exhibit B

COMPLAINT INSPECTION REPORT

Project Name:	Mountain Valley Pipeline	Inspector:	Marshall Willis
Inspection Date:	Monday, October 28, 2019	Project Contact:	Brian Clauto
Spread H: Montgomery County	STA 12175+00 – 12200+00 ATWS 703, ATWS 704A, ATWS 1446 & ATWS 1375 MVP-MN-275/274	Weather (Wet/Dry/Rain):	Wet

STAGE OF CONSTRUCTION: (Check all that apply)

- ☐ Clearing
 ☐ Rough Grading
 ☐ Trench Excavation
 ☐ Pipe Assembly, Testing & Installation
☐ Backfilling and Grade Restoration
 ☐ Final Grading & Stabilization
 ☒ Other: Dormant

- | | | Yes | No | N/A |
|---|---|-------------------------------------|-------------------------------------|--------------------------|
| 1 | Are controls installed and implemented in accordance with the approved erosion and sediment control plan and stormwater management plans? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Are all control measures properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3 | Areas of offsite sediment deposition were observed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Background: This investigation was conducted in response to a complaint (IR#: 291556) received on October 27, 2019 for the Bradshaw Road area. The complaint describes sediment laden runoff impacting Bradshaw Creek and subsequently the North Fork of the Roanoke River. The complainant also describes low levels of turbidity upstream of the MVP crossing of Bradshaw Creek and high levels of turbidity downstream of the ROW.

Observations:

1. At the time of inspection, there was no evidence of sediment discharge from MVP ROW onto Bradshaw Road or into Bradshaw Creek. See Figures 2, 3, 4, 5 & 6.
2. ECDs within the MVP LOD and along the resources were installed per the approved plans and appeared to be functioning as designed. See Note #3.
3. One maintenance item was found at STA 12179+50 (see Figure 8). P1 Silt Fence was undermined at that location, however no sediment was discharged off ROW as a result.
4. There was no evidence of high turbidity upstream or downstream of the MVP crossing of Bradshaw Creek (S-C21). See Figures 3 & 4.
5. Erosion occurring along the Roanoke Valley Resource Authority (RVRA) spur line was documented during the inspection. Discharge from these channels flows through the MVP ROW and into S-OO11. See Figure 7.

Comments: ROW inspected in Montgomery County from STA 12175+00 though STA 12200+00. The following resources were documented during the onsite complaint investigation: S-C21 (Bradshaw Creek) and S-OO11 (UNT to Bradshaw Creek).

STA 12179+50: P1 maintenance needed.

Recommended Corrective Action: Maintain and install all controls per the approved plans and PSS&S.

Deadline: Within 24-hr notification

The recommended corrective action deadline date applies to all conditions noted on this report unless otherwise noted. If listed condition(s) currently constitute non-compliance and/or corrective actions are not completed by the deadline, other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector Signature: Marshall Willis

Date: 10/28/2019

FIELD INSPECTION PHOTO LOG

Project Name: Mountain Valley Pipeline

Date: Monday, October 28, 2019

Fig. 1: **STA 12201+00** – Controls in place and functioning. Area stabilized with erosion fabric and seed.



Fig. 2: **STA 12190+75** – Bradshaw Road crossing. No evidence of sediment discharge from ROW. Controls in place and functioning.



Fig. 3: **Stream S-C21** – Looking upstream at Bradshaw Creek crossing towards Bradshaw Road. No evidence of sediment discharge from ROW. Controls in place and functioning.



Fig. 4: **Stream S-C21** – Looking downstream at Bradshaw Creek crossing. No evidence of sediment discharge from ROW. Controls in place and functioning.



FIELD INSPECTION PHOTO LOG

Project Name: Mountain Valley Pipeline

Date: Monday, October 28, 2019

Fig. 5: **Stream S-0011** – Looking downstream at stream S-0011 from ROW. No sediment deposition observed. Controls in place and functioning.

☉ 245°SW (T) ☉ 37°15'6"N, 80°15'25"W ±16.4ft ▲ 1291ft



Fig. 6: **Stream S-0011** – Looking upstream at stream S-0011 from ROW. No sediment deposition observed. Controls in place and functioning.

☉ 59°NE (T) ☉ 37°15'6"N, 80°15'25"W ±16.4ft ▲ 1292ft



Fig. 7: **STA 12197+40** – Looking NE towards RVRA spur line from ROW. Erosion along channel and banks of rail line evident.

☉ 35°NE (T) ☉ 37°15'7"N, 80°15'27"W ±16.4ft ▲ 1312ft



Fig. 8: **STA 12179+50** – P1 undermined. Maintenance needed

☉ 268°W (T) ☉ 37°15'12"N, 80°15'44"W ±16.4ft ▲ 1363ft



Exhibit C

COMPLAINT INSPECTION REPORT

Project Name:	Mountain Valley Pipeline	Inspector:	Marshall Willis
Inspection Date:	Monday, October 28, 2019	Project Contact:	Brian Clauto
Spread H: Montgomery County	STA 12544+27 – 12540+00 MVP-MN-278.01	Weather (Wet/Dry/Rain):	Wet

STAGE OF CONSTRUCTION: (Check all that apply)

- ☐ Clearing
 ☐ Rough Grading
 ☐ Trench Excavation
 ☐ Pipe Assembly, Testing & Installation
☐ Backfilling and Grade Restoration
 ☐ Final Grading & Stabilization
 ☒ Other: Dormant

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1 Are controls installed and implemented in accordance with the approved erosion and sediment control plan and stormwater management plans? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Are all control measures properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Areas of offsite sediment deposition were observed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Background: This investigation was conducted in response to a complaint (IR#: 291558) received on October 27, 2019 for the Yellow Finch Lane area. The complaint describes "sediment laden water running over and around silt sock and into UNT." The complaint also describes "significant soil slippage on berm."

Observations:

1. At the time of inspection, there was no evidence of sediment discharge from MVP ROW onto Yellow Finch Lane or into S-EF20a.
2. ECDs within the MVP LOD were installed per the approved plans and appeared to be functioning as designed.
3. Soil stockpile at STA 12541+00 – 12543+00 is eroding onto ROW and depositing sediment within waterbar throat. Item was identified by MVP inspectors on 10/20/2019 and is currently extended due to wet conditions on the ROW.

Comments: ROW inspected in Montgomery County from STA 12544+27 though STA 12540+00.

Recommended Corrective Action: N/A

Deadline: Within 24-hr notification

The recommended corrective action deadline date applies to all conditions noted on this report unless otherwise noted. If listed condition(s) currently constitute non-compliance and/or corrective actions are not completed by the deadline, other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector Signature: Marshall Willis

Date: 10/28/2019

FIELD INSPECTION PHOTO LOG

Project Name: Mountain Valley Pipeline

Date: Monday, October 28, 2019

Fig. 1: **STA 12544+00** – Area stabilized with erosion matting. Controls in place and functioning at the time of inspection.



Fig. 2: **STA 12543+00** – Stockpile slipping onto ROW. Item identified by MVP on 10/20/2019. Repair extended due to wet ROW conditions. Controls in place and functioning at the time of inspection.



Fig. 3: **STA 12541+00** – Stockpile slipping onto ROW. Item identified by MVP on 10/20/2019. Repair extended due to wet ROW conditions. Controls in place and functioning at the time of inspection.



Fig. 4: **MVP-MN-278.01** – Yellow Finch Lane. CFS installed correctly and functioning properly at the time of inspection.



Exhibit D



Pollution Incident Summary Report

Incident Summary

IR#: 292522
Site Name: MVP - sediment in creek
Incident Date: 10/20/2019
Date Received: 10/23/2019
Status: Closed
Assigned To: Austen Stevens
Program: VSMP (Construction) Compliance
911 Address: Iron Ridge Rd., Rocky Mount, VA 24151

HMVA #:
NRC #:
EPA #:
SSORS #:
Sewage Related: No
Latitude: 37.0478
Longitude: -79.9091
Geographic Region: Blue Ridge

Program Participants

Name	Program
Count: 0	

Incident Details

Incident Date: 10/20/2019

Incident Description: Large sediment plume coming from Little Creek into the North Fork of the Blackwater River. There is a significant amount of sediment in the Little Creek stream bed. This seems like a build-up of sediment that accumulated during work done under invalidated permits from the US Army Corps of Engineers and US Fish and Wildlife Service, accompanied by inadequate steps taken to protect the environment and endangered species. Sediment is migrating downstream with each rain event as a result of Mountain Valley Pipeline discharges upstream of this creek/river intersection. A full report with photos will be sent to John McCutcheon and Jerome Brooks.

Materials Information

Material Name	Low Range	High Range	Units
Material Count: 1			
Sediment	-1	-1	Cubic Yard

Incident Type

Program/Media	Type
Count: 1	
Water	SW Construction

Receptor Information

Impacted/Threatened Water Body: Yes

Water Body Name: Little Creek

Status: Impacted

Amount to Water:

Low Range	High Range	Units
-1	-1	Cubic Yard

Other Receptor Information:

Other IR Information

Characterize Incident as:

Weather Event:

Site Summary Notes:**Contacts**

Contact Type	Organization Name	Name	Address	City	State	Phone Number
Contact Count: 3						
Responsible Party	Mountain Valley Pipeline (MVP)					
Reported By	Mountain Valley Watch				VA	
Property Owner		Dale Angle	1116 Iron Ridge Road	Rocky Mount	VA	5404201000

Agencies Notified

No Notifications were made for this report.

Associated Programs

Item	Description
Associated Programs Count: 0	

Events

Type	Event Date	Due Date	Completed Date	Assigned Staff	Created By
Event Count: 5					
Closed Call/IR	10/25/2019				ATSTEVENS
Status Reason: No pollution observed, Closure Comment: Per an investigation conducted on 10/24, the MVP ROW at the complaint location was observed to be stabilized and controls at the stream crossing appeared to be installed, secured, and maintained. Inspectors observed what appeared to be natural deposition along the stream banks both upstream and downstream of the stream crossing (at which the utility crossing has not been performed). The stream appeared to be running clear, no turbidity was noted in the stream at the time of inspection. The Blackwater River and Little Creek appeared to have the same natural deposition that was noted at the stream crossing, and no evidence was discovered that sediment from the ROW impacted the stream crossing.					
Under Investigation	10/24/2019				RSWOODYARD
Assigned	10/24/2019				RSWOODYARD
Assigned to: Austen Stevens, Assigned By: RSWOODYARD					
Site Visit	10/24/2019			Austen Stevens	ATSTEVENS
CMI Melissa Lanzara and CMI Patty Hale arrived at Iron Ridge Road to investigate complaint IR- 292522. The complaint stated "Large sediment plume coming from Little Creek into the North Fork of the Blackwater River. There is a significant amount of sediment in the Little Creek stream bed. This seems like a build-up of sediment that accumulated during work done under invalidated permits from the US Army Corps of Engineers and US Fish and Wildlife Service, accompanied by inadequate steps taken to protect the environment and endangered species. Sediment is migrating downstream with each rain event as a result of Mountain Valley Pipeline discharges upstream of this creek/river intersection. A full report with photos will be sent to John McCutcheon and Jerome Brooks." CMIs inspected the ROW from STA. 13892+45 through 13940+00. The ROW in this area appeared to be stabilized with a combination of EarthGuard (approximately STA. 13927+00 – 13940+00), hydroseed, curlex, seed, and straw. CMIs arrived at stream crossing S-II2 (Little Creek Sta. 13915+52-13916+12). ECDs at the stream crossing appeared to be installed, secured, and maintained. The timber mat bridge appeared to be free from mud accumulation. The filter fabric appeared to be free from holes and was attached to the side rails on the temporary bridges. The stream appeared to be running clear, no turbidity was noted in the stream at the time of inspection. CMIs noted what appeared to be natural deposition along the stream banks both upstream and downstream of the stream crossing. CMIs inspected the Blackwater River along Blue Bend Road upstream of the reported incident and Little Creek upstream of the ROW where it intersects Iron Ridge Road. The Blackwater River and Little Creek appeared to have the same natural deposition that was noted at S-II2. No evidence was discovered that sediment from the ROW impacted S-II2. The utility crossing has not been performed on S-II2. The provided coordinates associated with this complaint were located outside of the limits of disturbance and CMIs could not access the point of convergence of Little Creek and the Blackwater River at the time of this inspections. CMI received the rainfall tracker from LEI Tracy Hilbun that reported rainfall totals in the area on the day of the reported incident. The tracker reported 2.0" at the Grassy Hill rain gauge and 1.75" at the Bonbrook Mill #1 rain gauge. Please see the attached Excel spreadsheet on SharePoint for other spread rainfall totals and exact locations of these rain gauges. Please also see the attached photo log on SharePoint.					
Arrival Time	Departure Time	Weather Description	Access Provided By	Onsite Participant	
		Partly Cloudy		Melissa Lanzara (MBP)	

Call Received	10/23/2019				PREP_WEB
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Sewage Information

Duration of Event (HRs):
Wet Weather Event:
Precipitation (inches):
Discharge Treated:
Discharge Volume (gallons): Discharge Volume Unknown:
Type of Structure:
Corrective Action Taken:

Cause of Event

Cause	Description
Count: 0	

Impact of Events

Impact	Description
Count: 0	

Steps to Reduce, Prevent, Mitigate

Step	Description
Count: 0	

Documents

Title	Document Type	Document Date	Document File Type
Document Count: 0			

Pollution Report as Received

Incident Date: 10/20/2019 11:10
Received Date: 10/23/2019 05:45
Received By: Public Website
Incident Still Occurring? No
Agencies Notified? No
Sewage Related: No

911 Address: VA
City/County (FIPS): Franklin County
Geographic Region: Blue Ridge
Agencies Notified:

Description of Incident: Large sediment plume coming from Little Creek into the North Fork of the Blackwater River. There is a significant amount of sediment in the Little Creek stream bed. This seems like a build-up of sediment that accumulated during work done under invalidated permits from the US Army Corps of Engineers and US Fish and Wildlife Service, accompanied by inadequate steps taken to protect the environment and endangered species. Sediment is migrating downstream with each rain event as a result of Mountain Valley Pipeline discharges upstream of this creek/river intersection. A full report with photos will be sent to John McCutcheon and Jerome Brooks.

Location Description: Lat: 37.04783 Lon: -79.9091

Receptor Information

Impacted/Threatened Water Body: Yes
Water Body: Little Creek
Water Body Status: Impacted

Other IR Info

NRC #:
EPA #:
SSORS #:
HMVA #:

Permit Details

Facility Permitted? Yes
Facility Name: Mountain Valley Pipeline
Permit ID:

Contacts

Reported By
Mountain Valley Watch
VA
Contact On Scene

Responsible Party
Mountain Valley Pipeline
VA
Property Owner

Exhibit E

Date	10/21/2019
General Comments	Please see complaint investigation remarks.
Report Status	Approved
Spread	H
Redline Change	No
Redline Change Comment	
Access Road	MN-278.01
Laydown Yard	
Starting Station	12539+00
Ending Station	12544+00
Starting Mile Post	237.5
Ending Milepost	237.6
Starting_Lat_Long	
Ending_Lat_Long	
Weather Condition AM	Partly Cloudy
Weather Condition PM	Cloudy
Weather Temp High	63
Weather Temp Low	48
Rain Amount (inches)	0.01
Title	Complaint Investigation IR#292491
Complaint Investigation	Yes
Complaint Investigation Remarks	<p>Inspectors Dane Blevins and Josh Hale began this complaint investigation reviewing the complaint document and the attached photos describing the issues. Inspectors traveled to the location of the first photo where Bradshaw Creek crosses Bradshaw Road less than 100 LF North of the ROW. At the time of inspection, Bradshaw Creek appeared to be flowing nearly clear. Inspectors observed the roadside ditch that conveyed runoff past the ROW crossing of Bradshaw Road and into Bradshaw Creek and did not identify and evidence of sediment leaving the ROW at this location. A CFS check had been previously</p>

installed in this ditch during a slope repair to treat the runoff in the ditch and it appeared to be maintained and functional.

No occurrences of sediment off ROW were reported between Flatwoods Road and Bradshaw Road during the ROW ECD inspection by MVP E.I.s performed the day after the photos in this complaint. Inspectors Blevins and Hale observed perimeter ECDs between Bradshaw Road (12191+00) and station 12181+00 earlier this day and no ECD issues were identified with observations.

Inspectors then traveled to the location of the fourth photo in the complaint document (labeled #3 in complaint) at the confluence of Bradshaw Creek and the North Fork of the Roanoke River. Inspectors attempted to replicate the photo in the complaint looking upstream of Bradshaw Creek with the North Fork flowing from left to right in the photo. The North Fork of the Roanoke River appeared to be slightly more turbid at this time compared to Bradshaw Creek. Photos from the complaint will be attached to this report next to photos from this investigation.

Inspectors departed this area and traveled to the Cove Hollow Road ROW crossing to begin the investigation of the second half of this complaint. Inspectors met with MVP security who delivered them to the ROW crossing of Yellow Finch Road (MN-278.01). Inspectors observed the CFS on Yellow Finch Road that was described in the complaint as sediment entering an UNT at Yellow Finch Road. No issues were observed with the CFS control and no sediment build up was observed in the device. This CFS was only treating any runoff leaving the access road and did not appear to be a ROW perimeter control. No issues were identified with observations of MN-278.01.

Inspectors began walking west up the slope on the

CIS of MN-278.01 to observe the spoil pile slip. Inspectors confirmed that the did appear to have evidence of erosion and the relocated material appeared to be caught by the downslope water bars. The sumps associated with these water bars appeared to have accumulated some sediment during the rain event from the sloughed off material however, they appeared to be less than half full. End treatments of the observed sumps appeared to be maintained and functional. Inspectors photographed the area and opened an action item to repair and re-stabilize the spoil pile between stations 12541+00 and 12543+00. ROW observations during the inspection of this area were between stations 12539+00 and 12544+00. Inspectors returned to MVP security vehicle and departed the area.

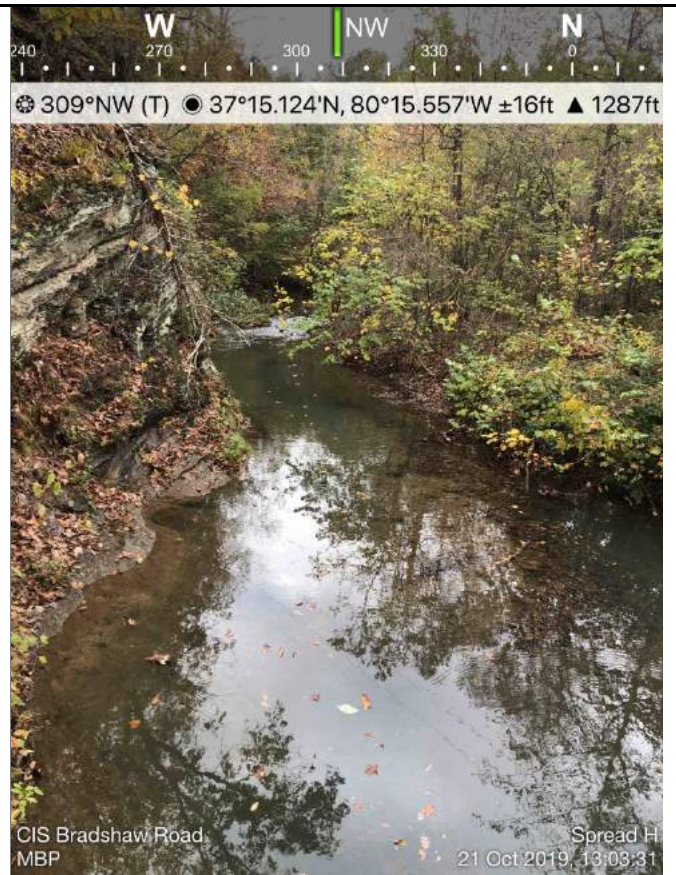
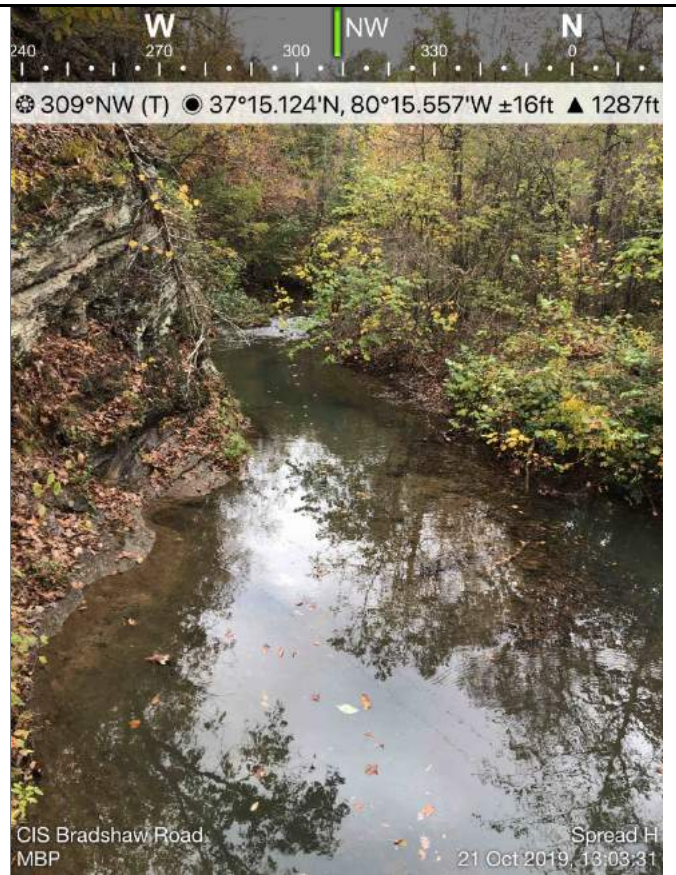
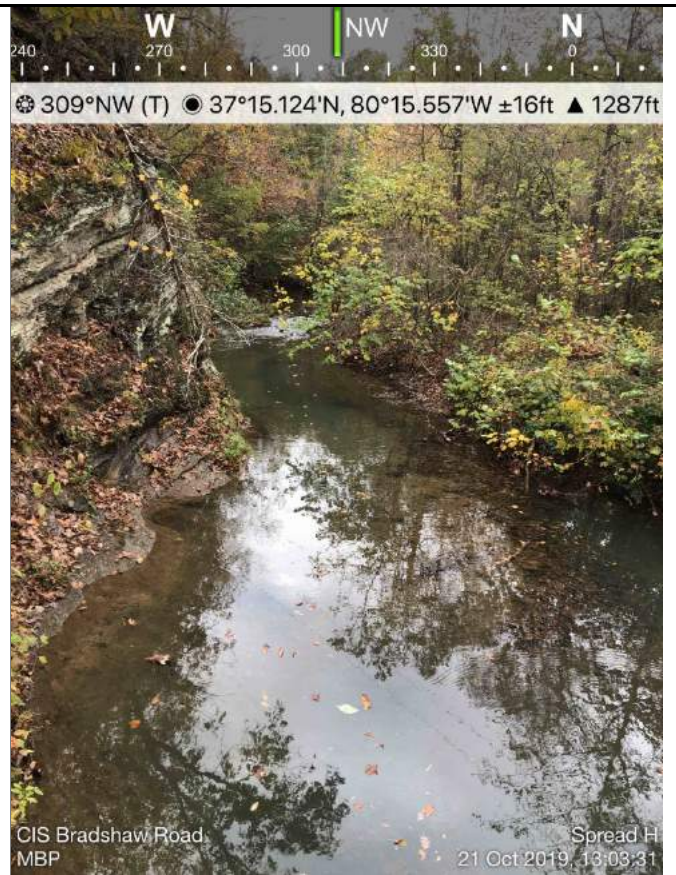
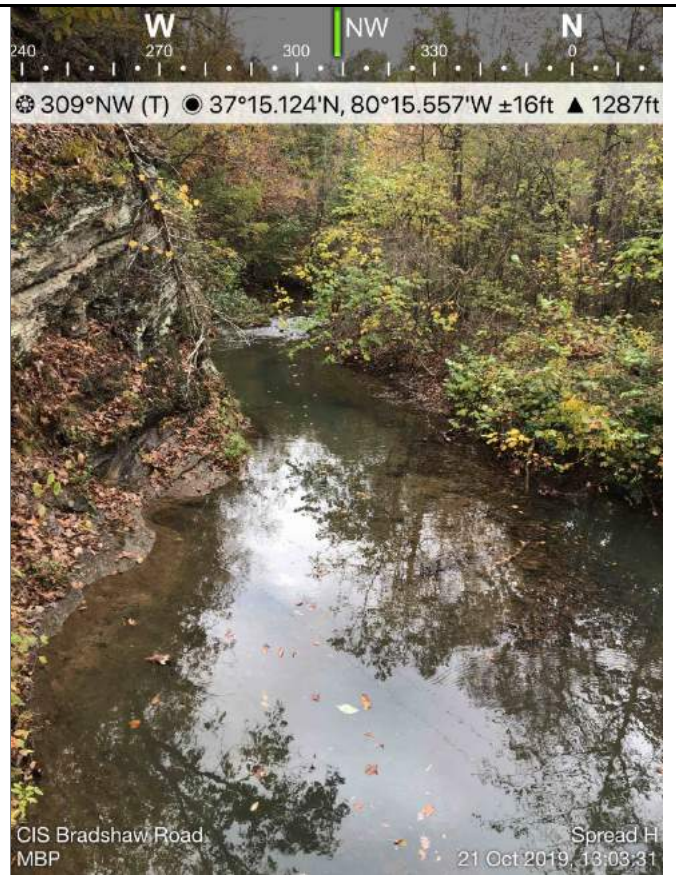
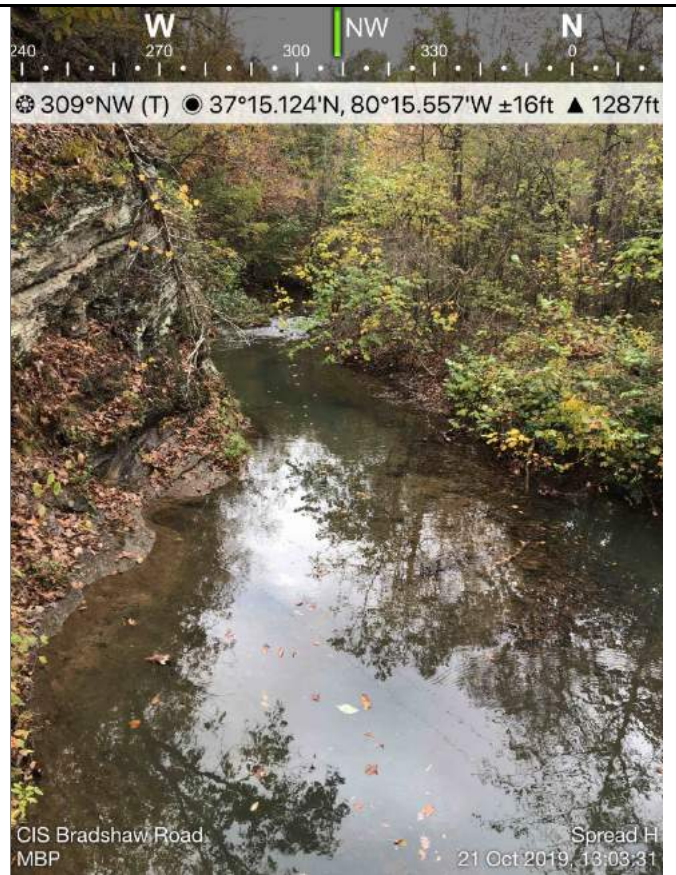
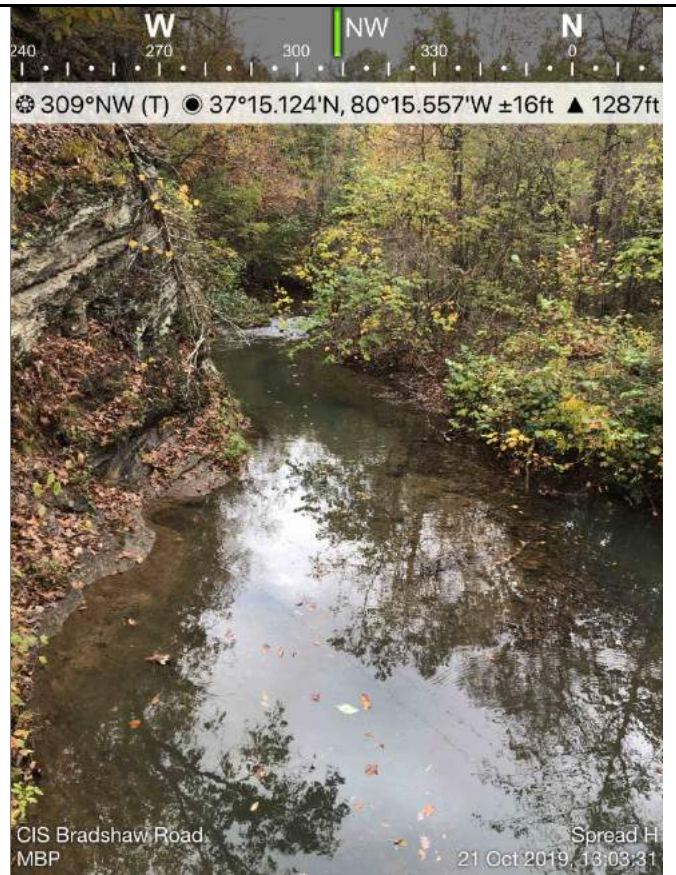
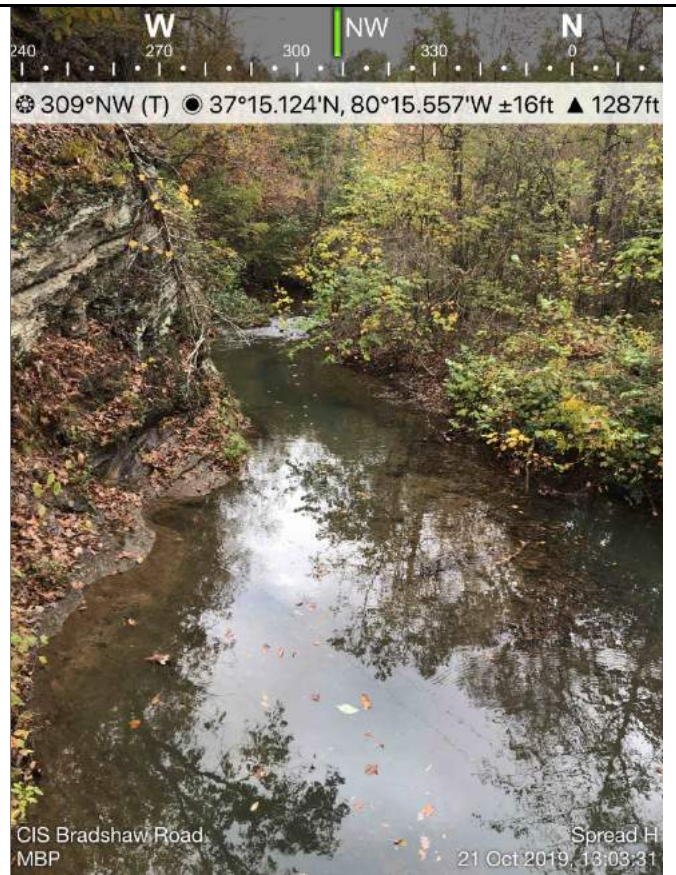
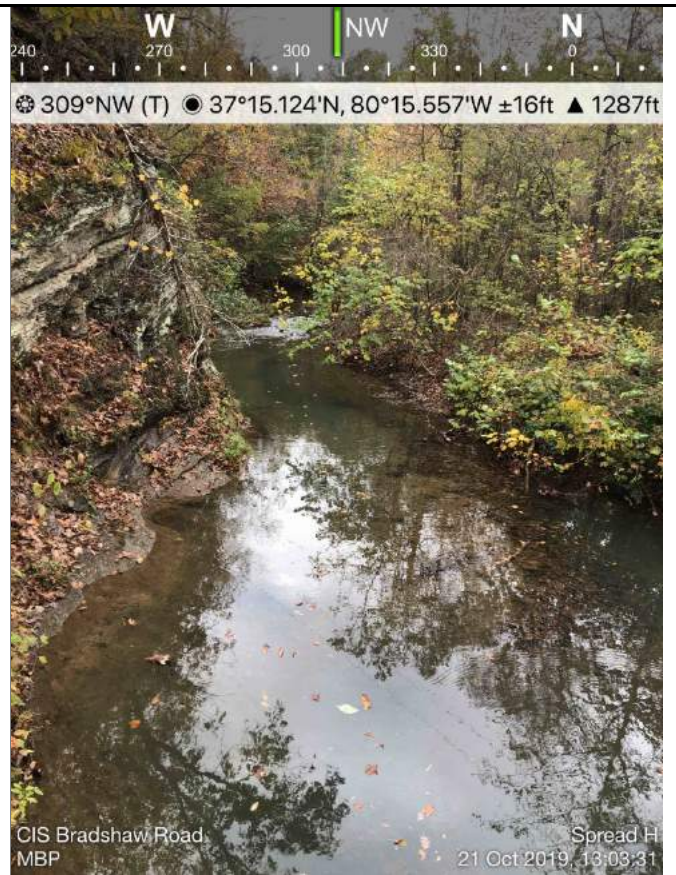
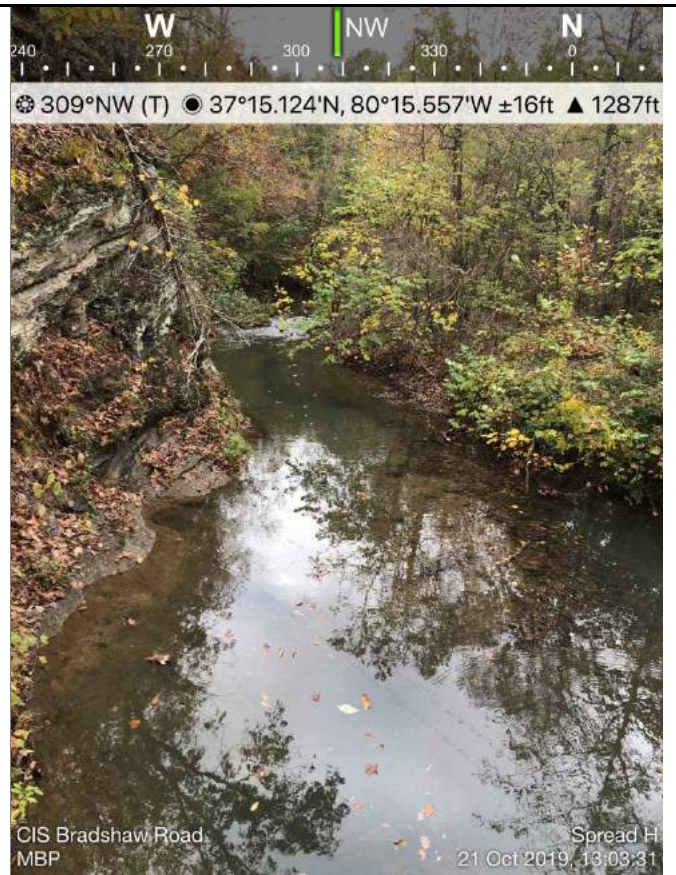
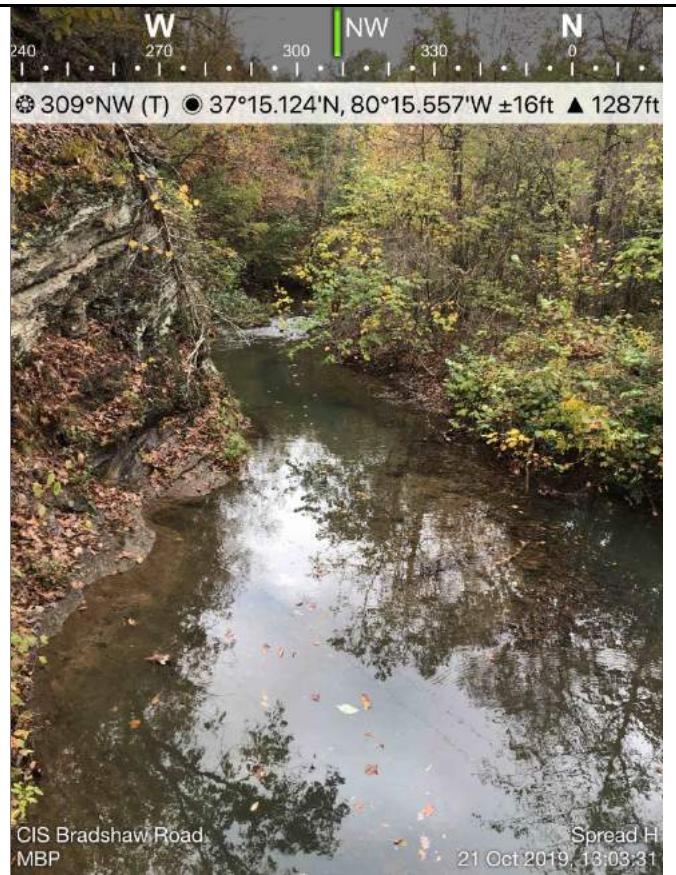
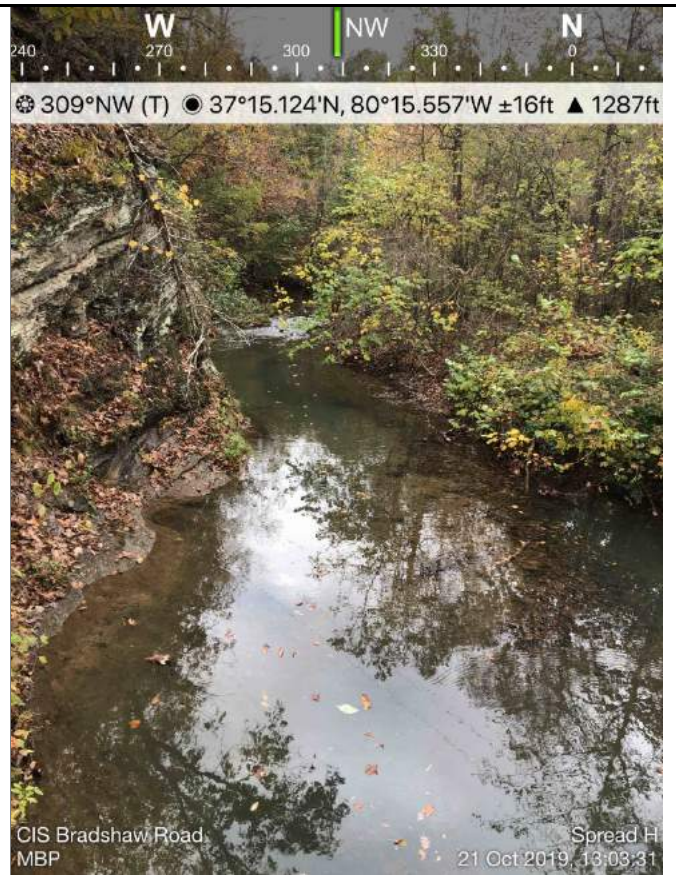
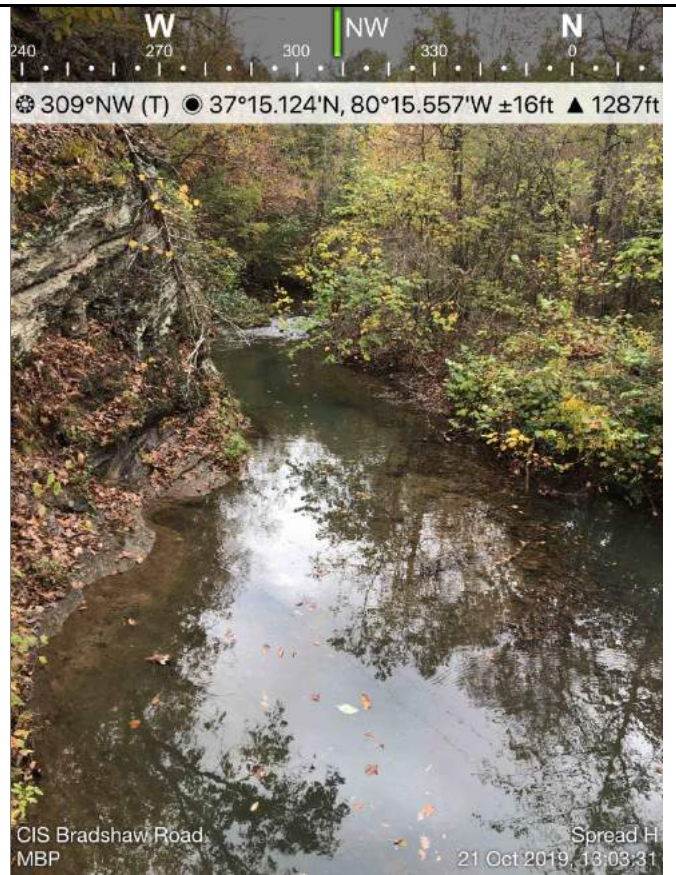
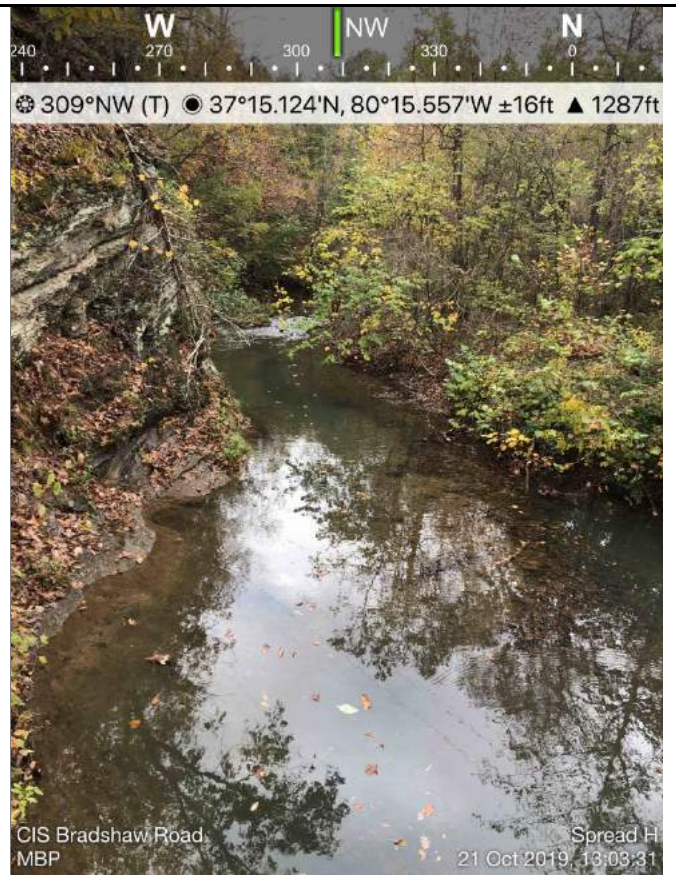
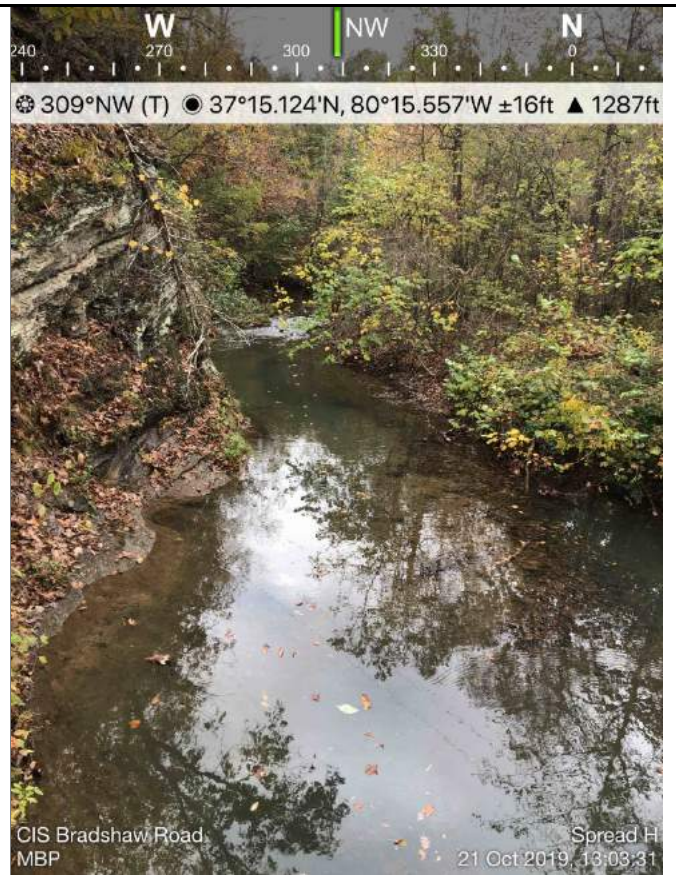
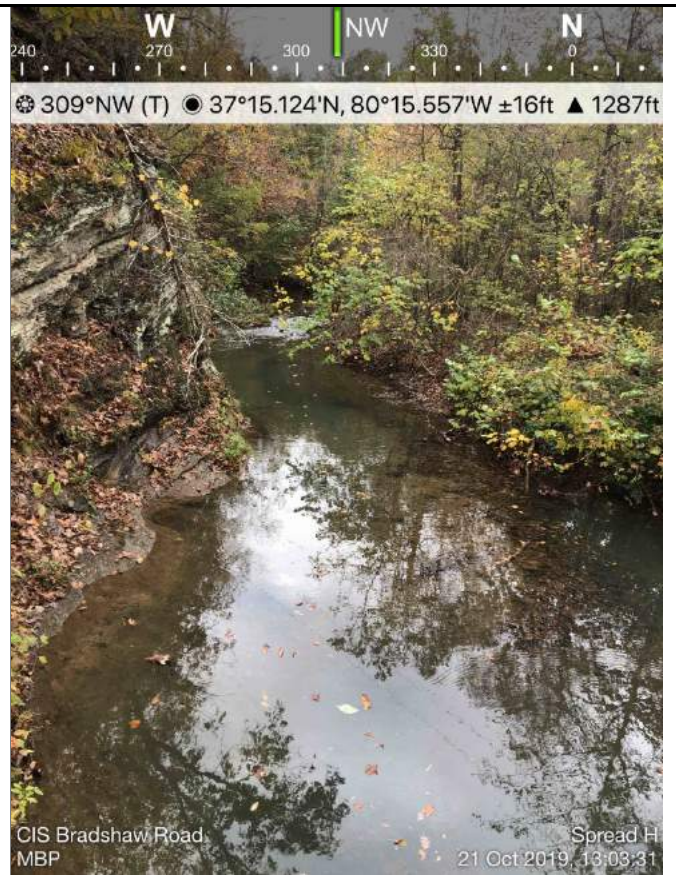
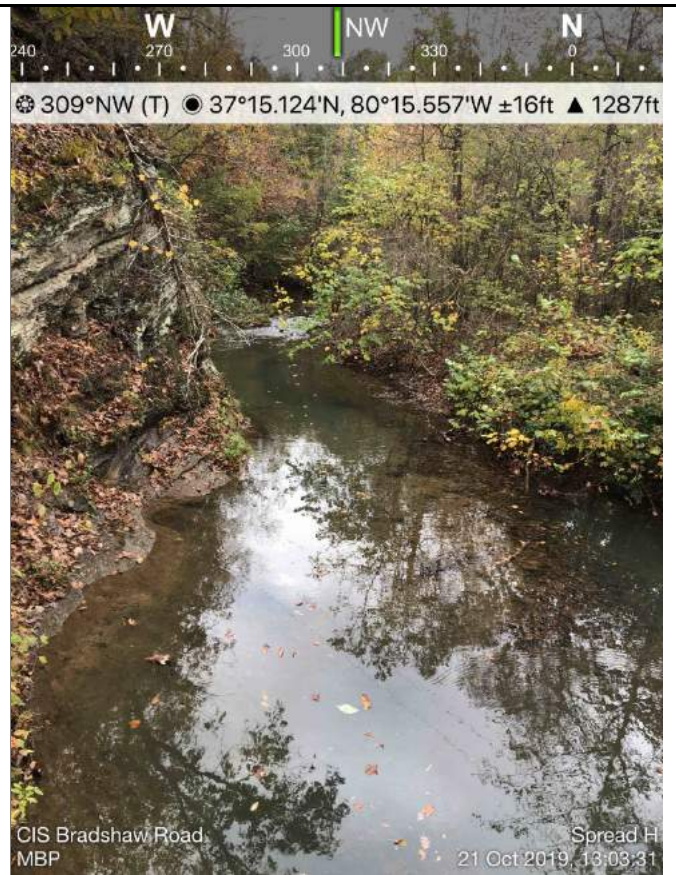
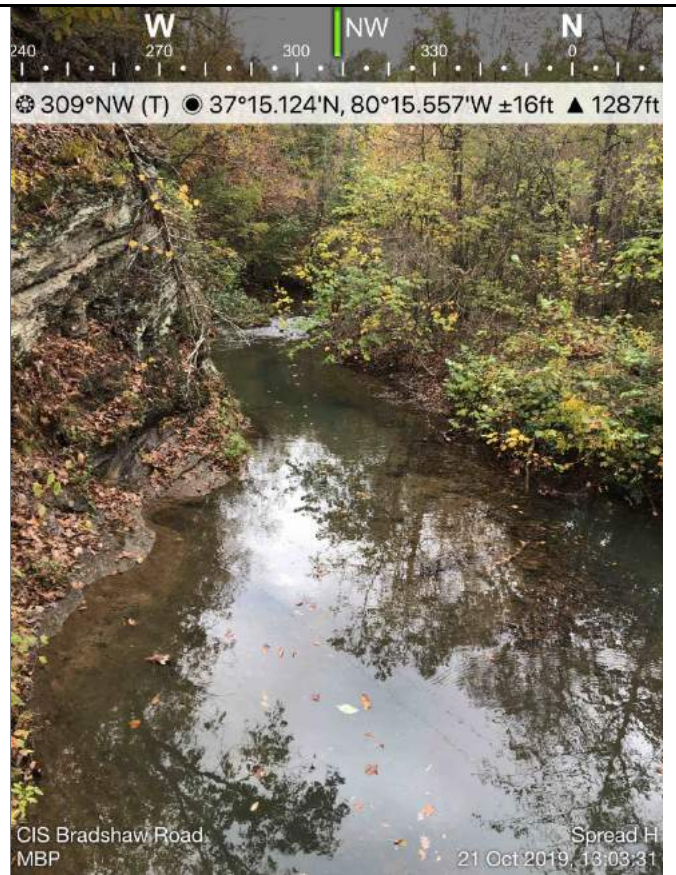
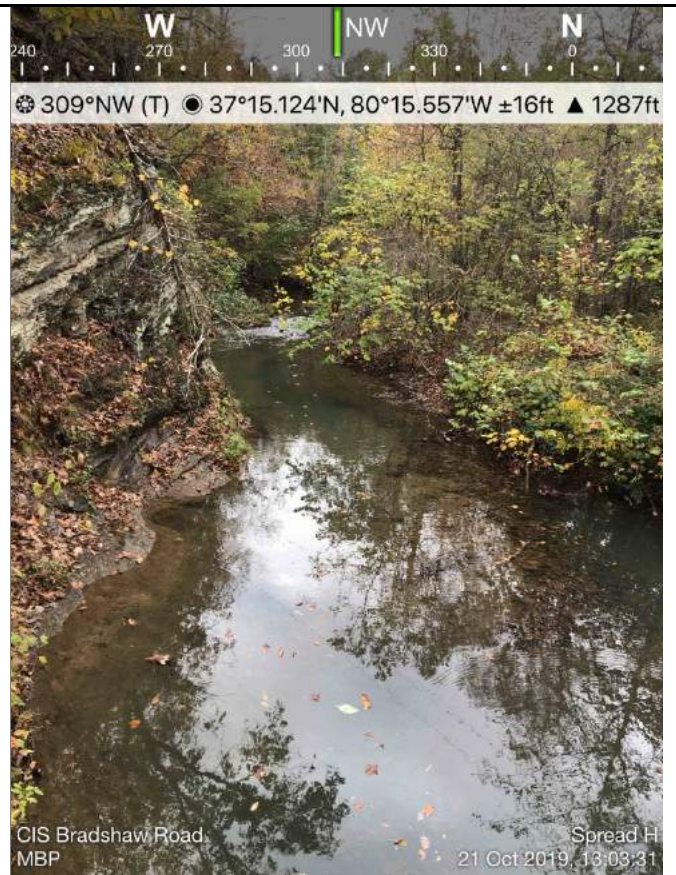
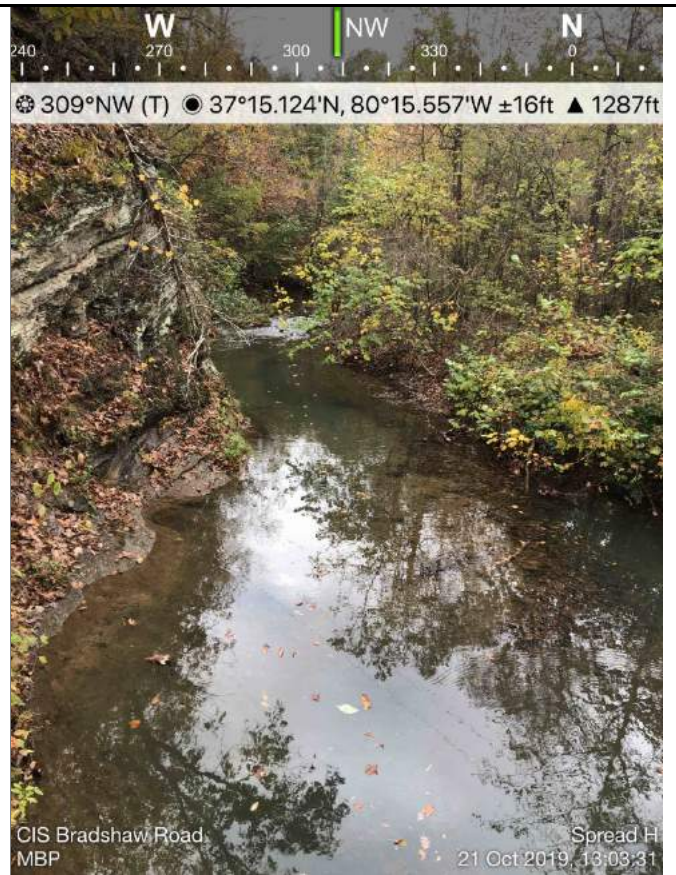
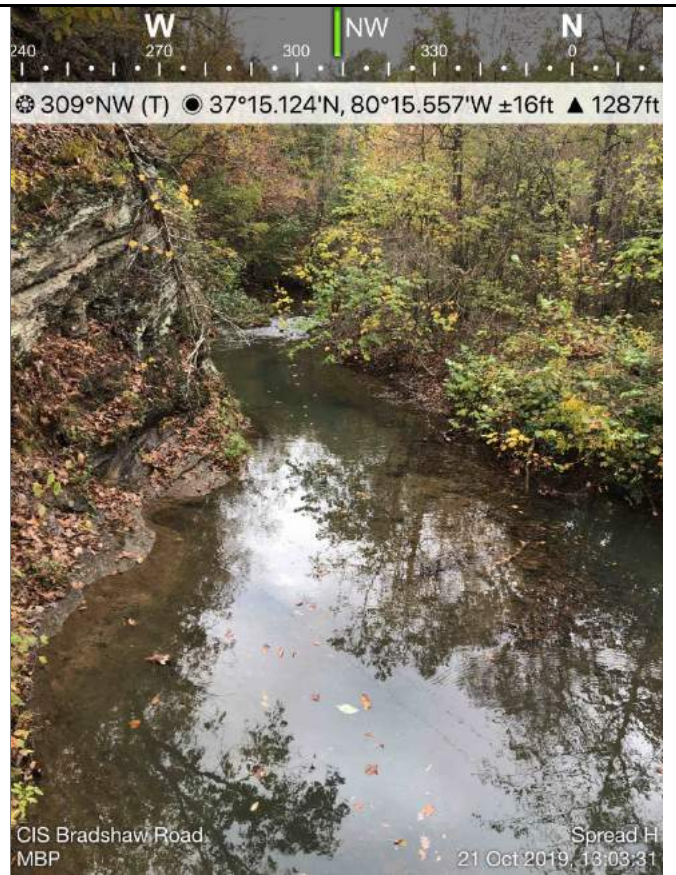
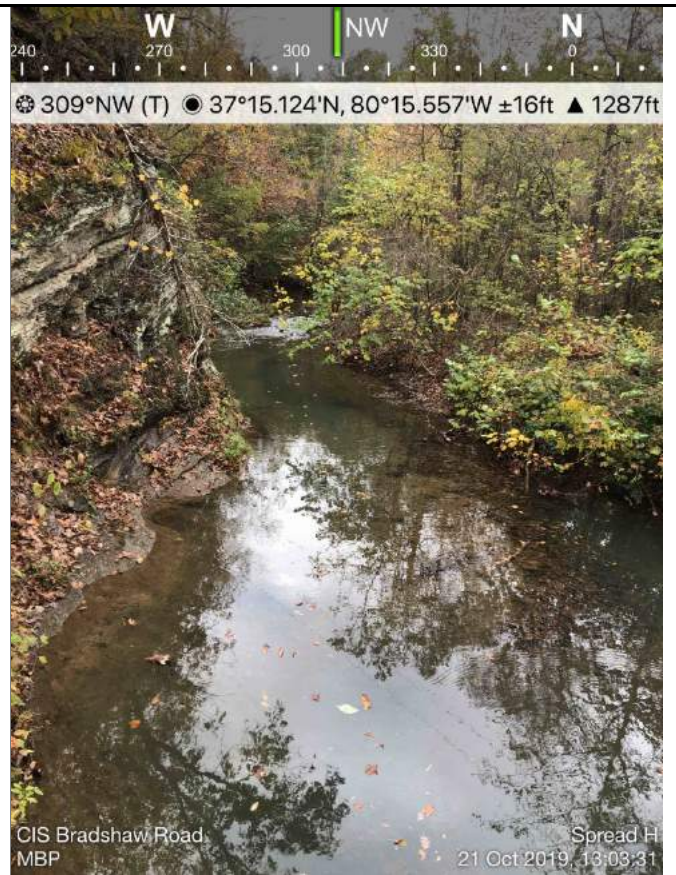
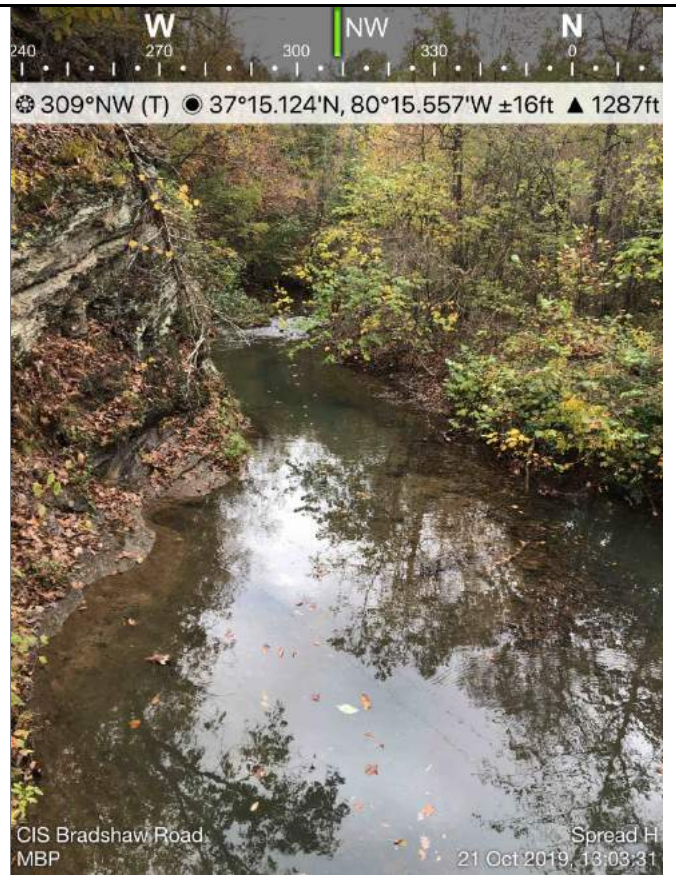
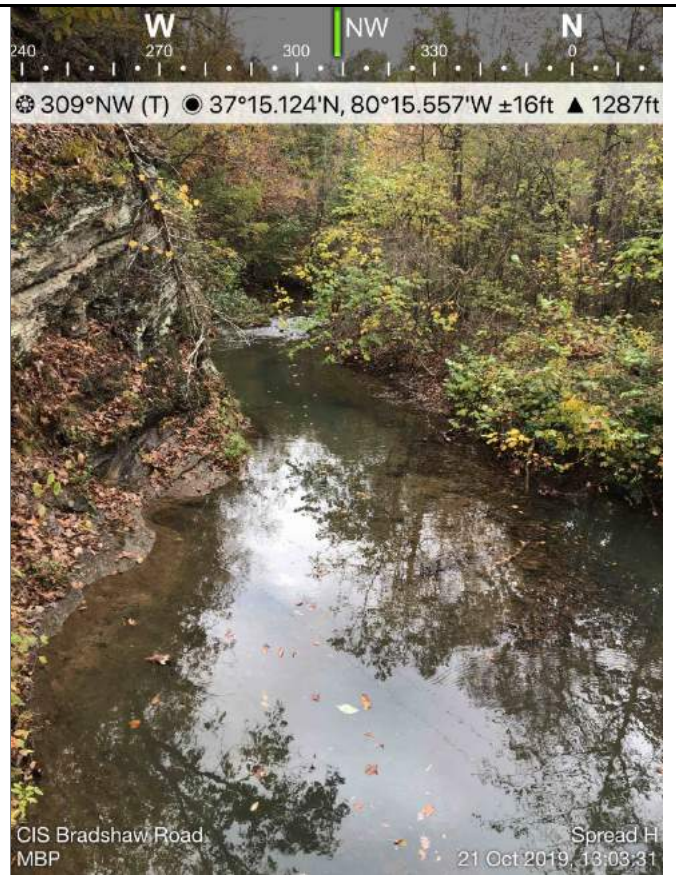
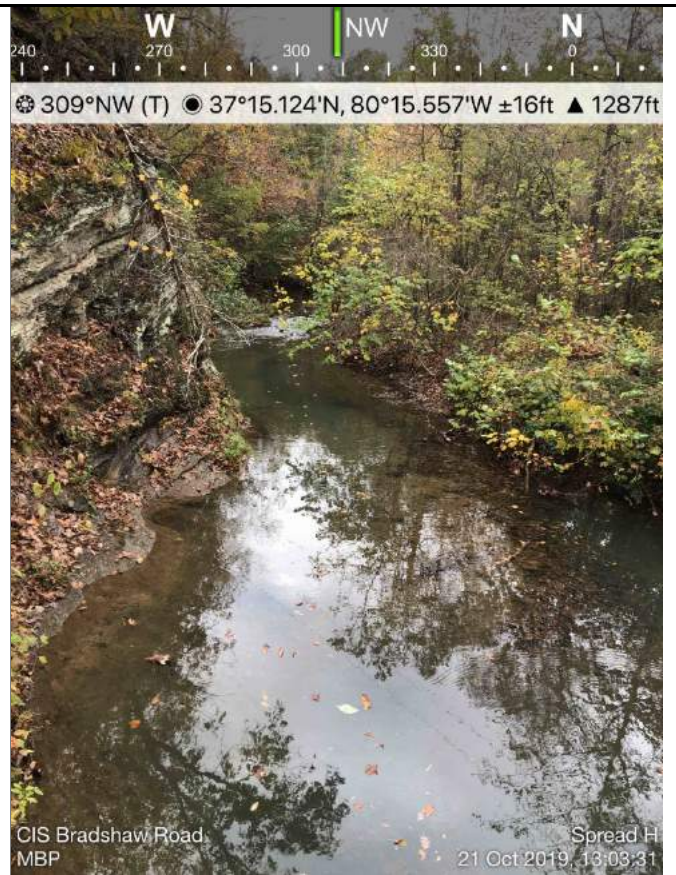
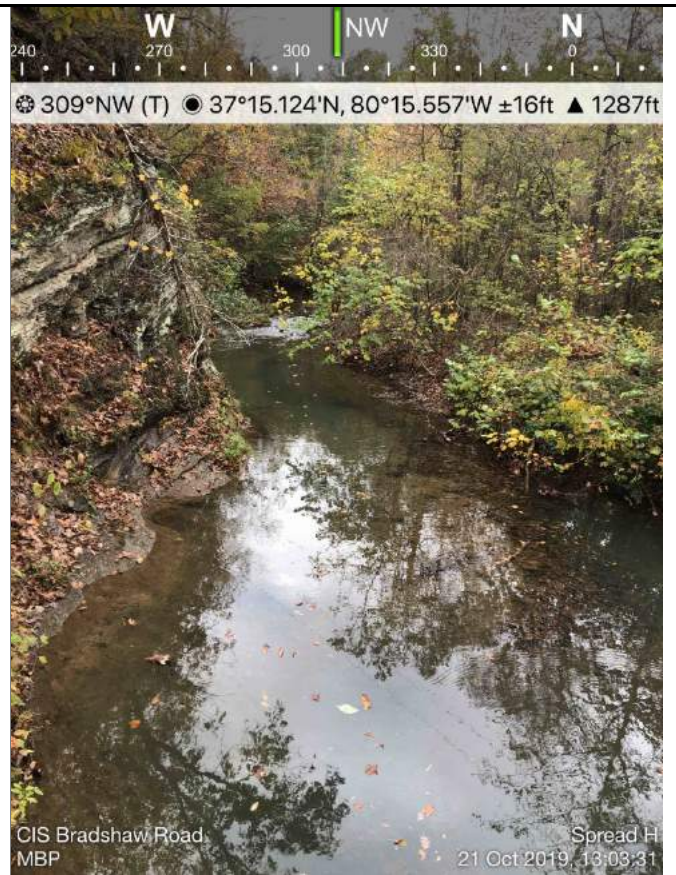
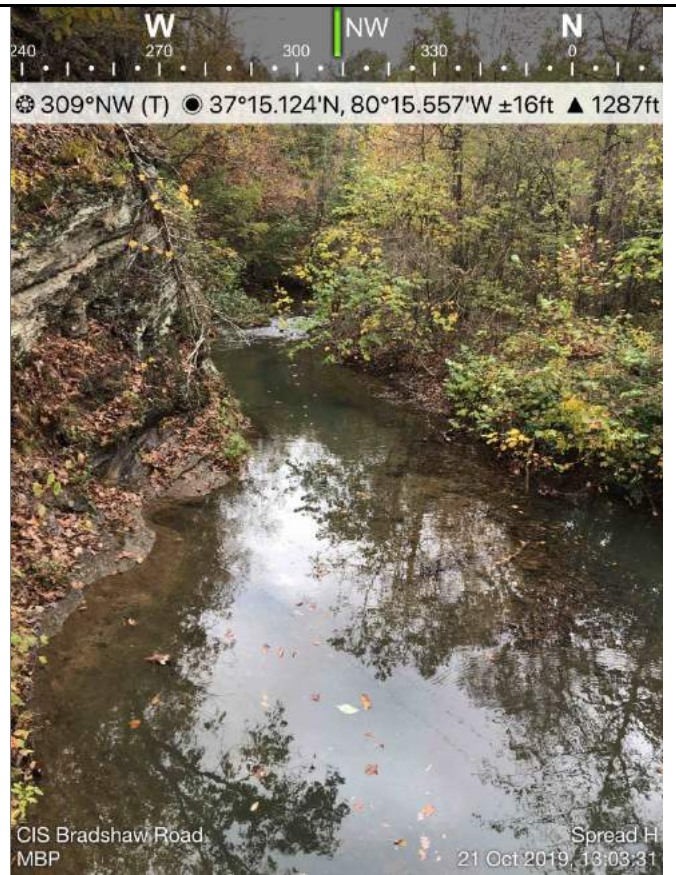
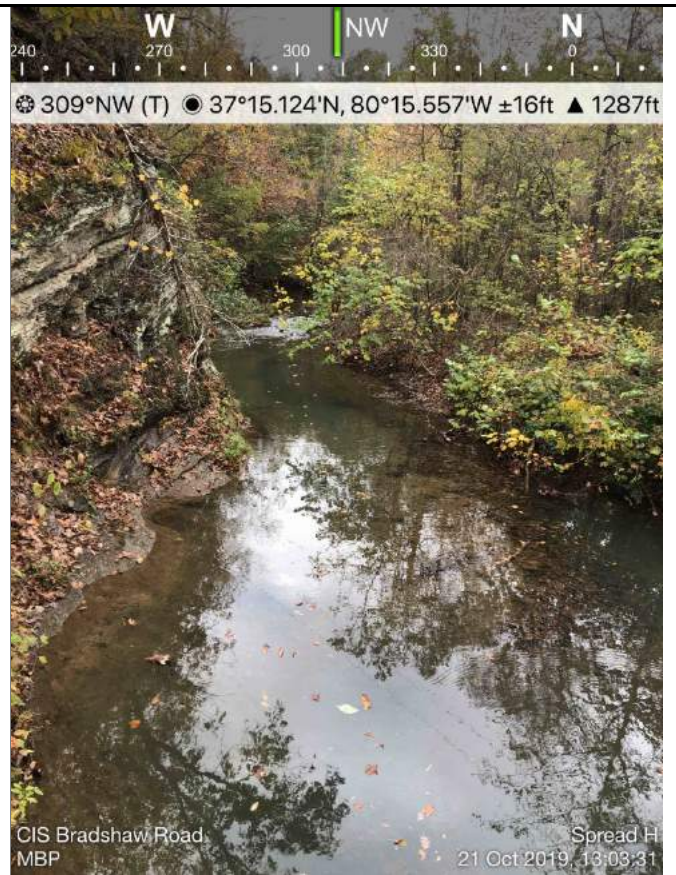
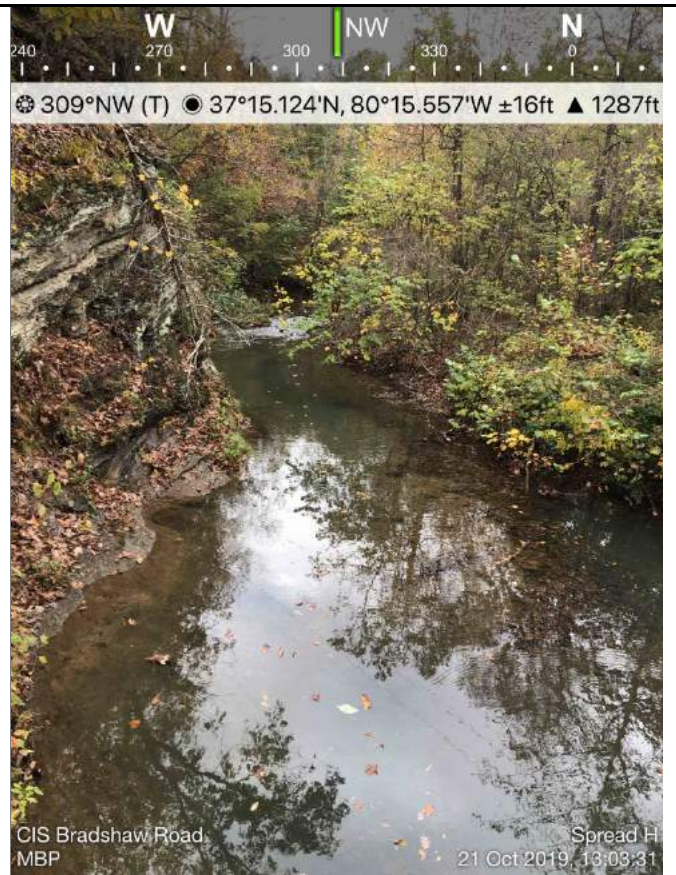
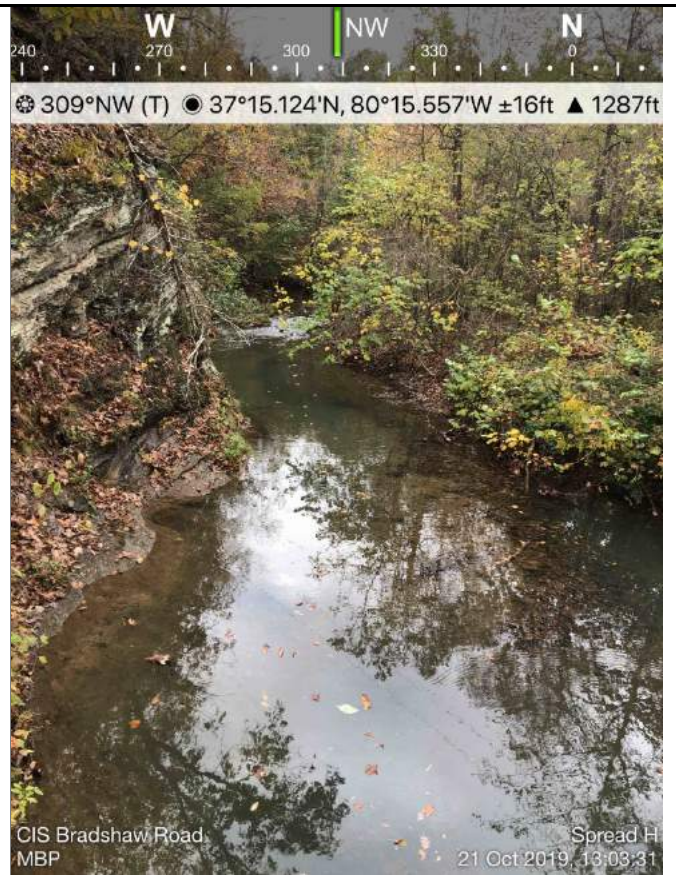
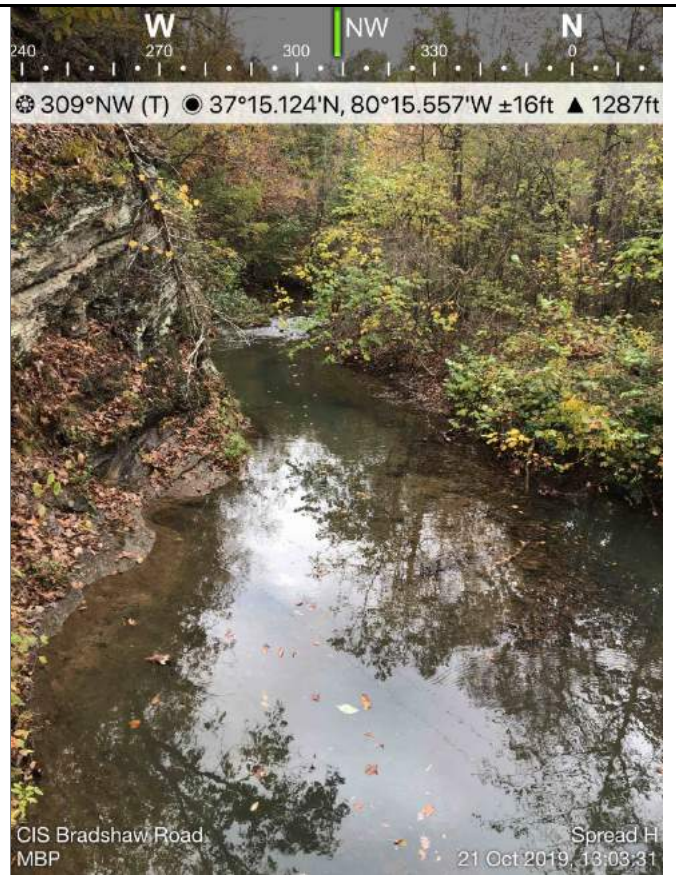
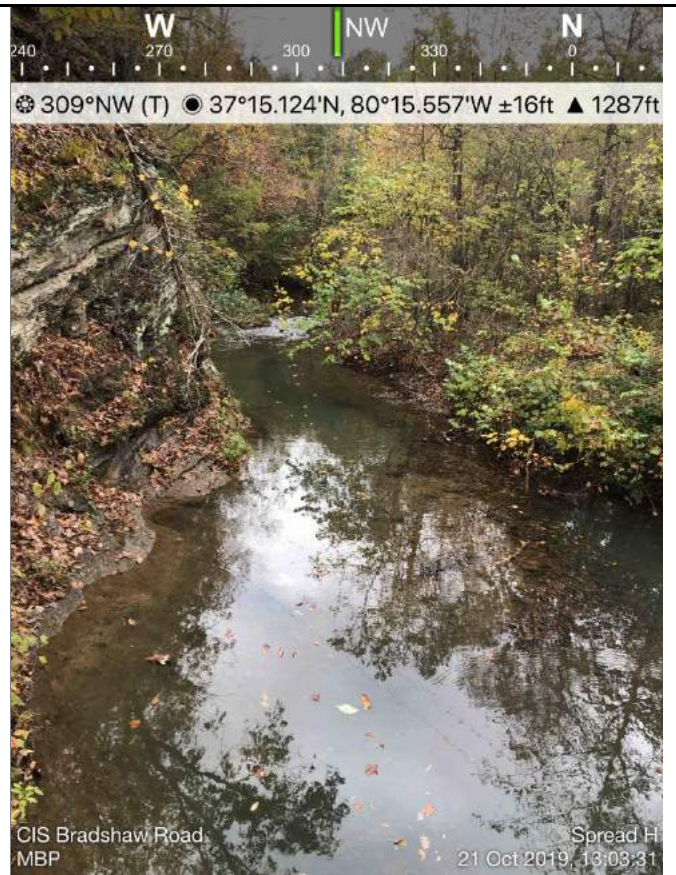
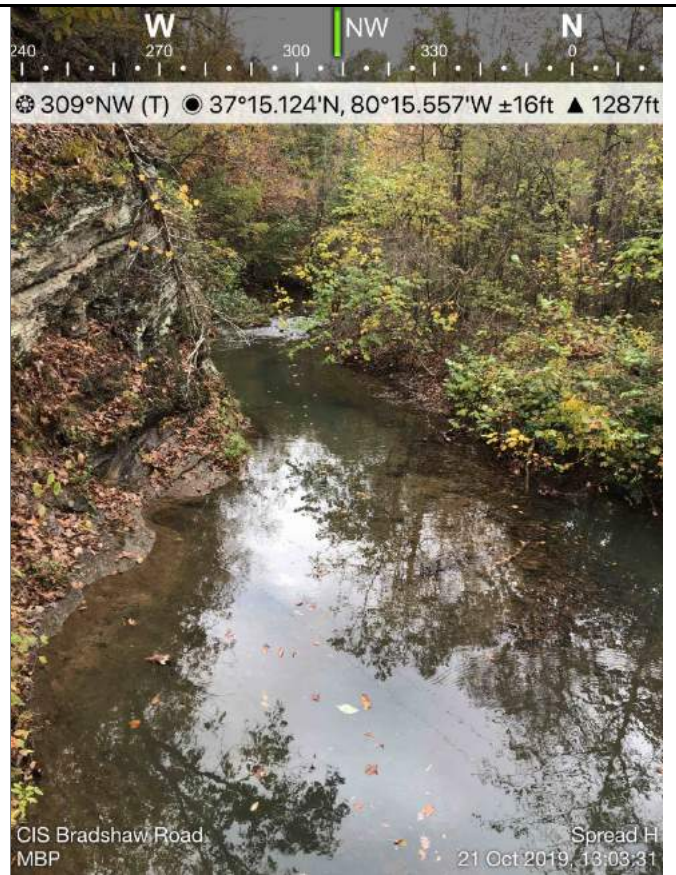
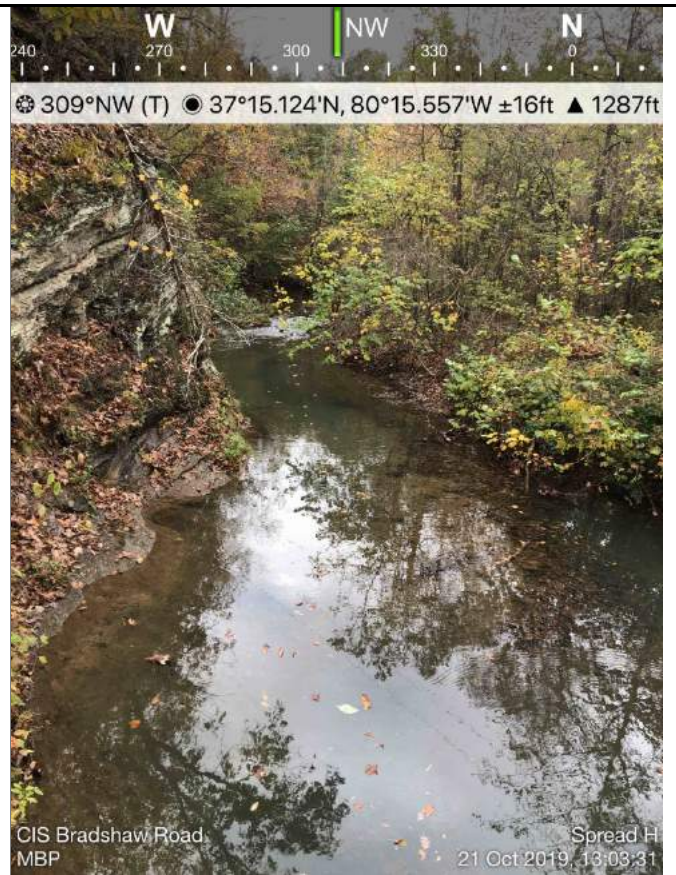
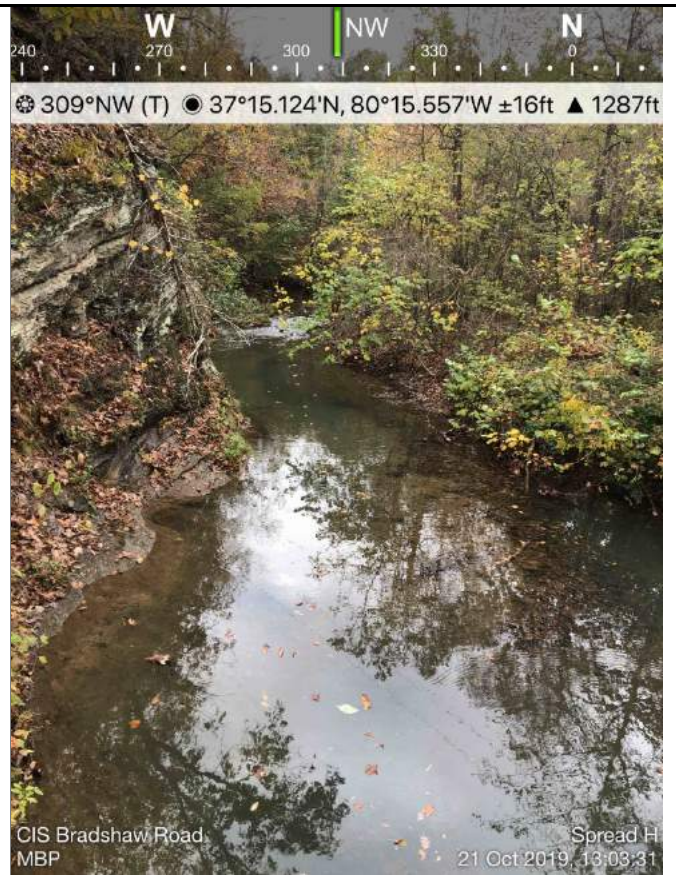
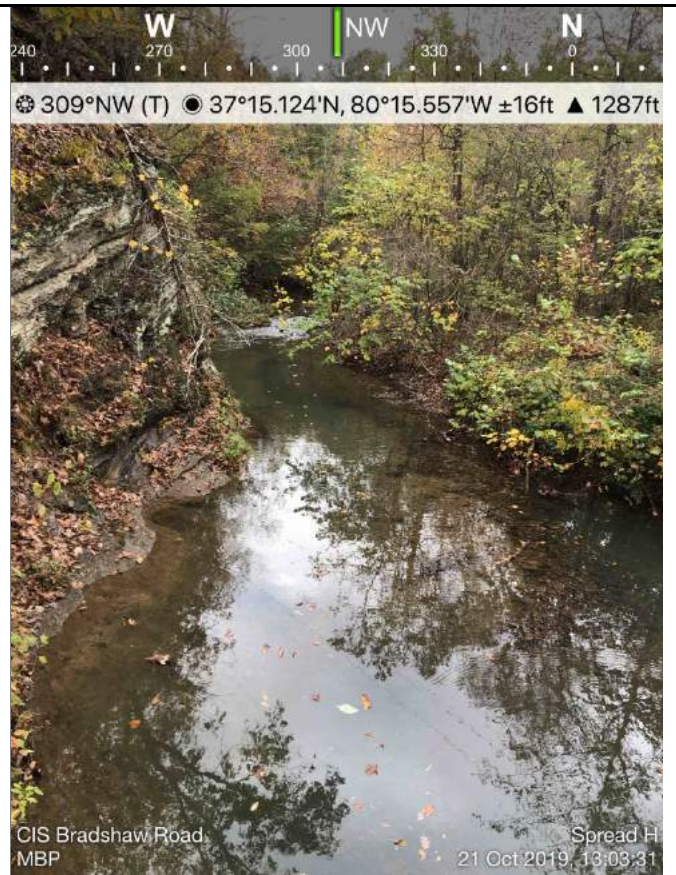
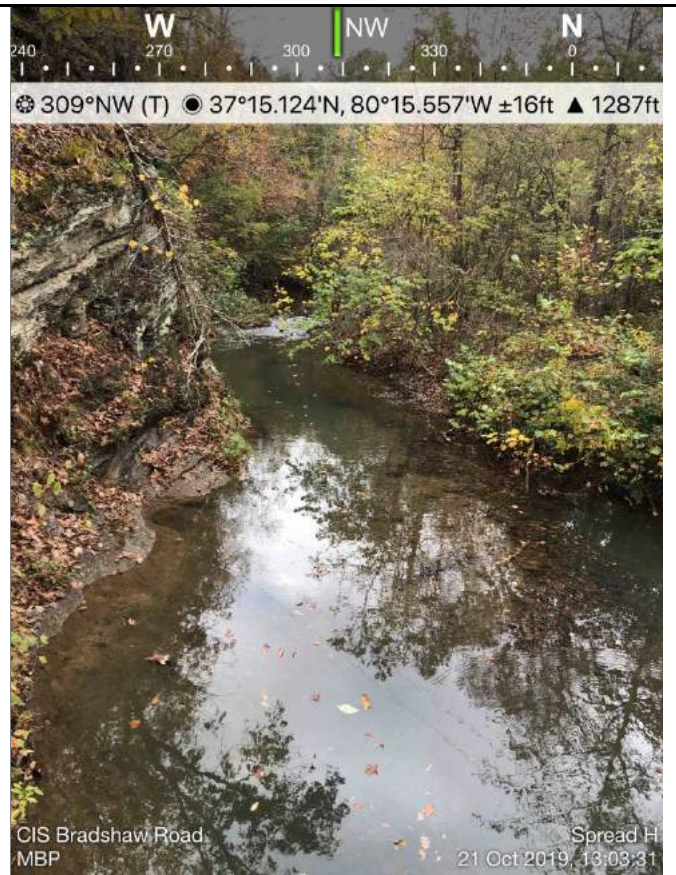
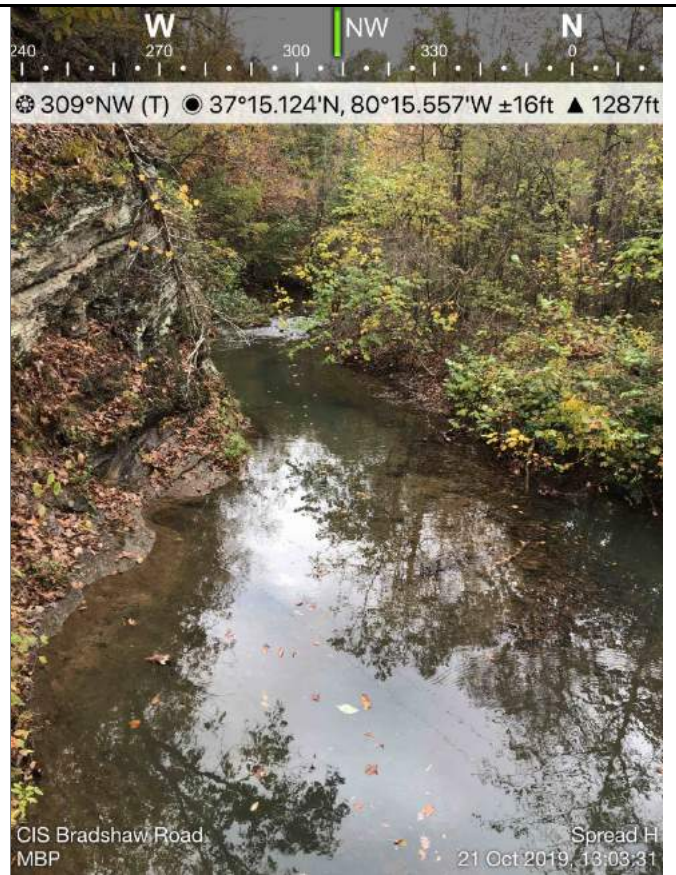
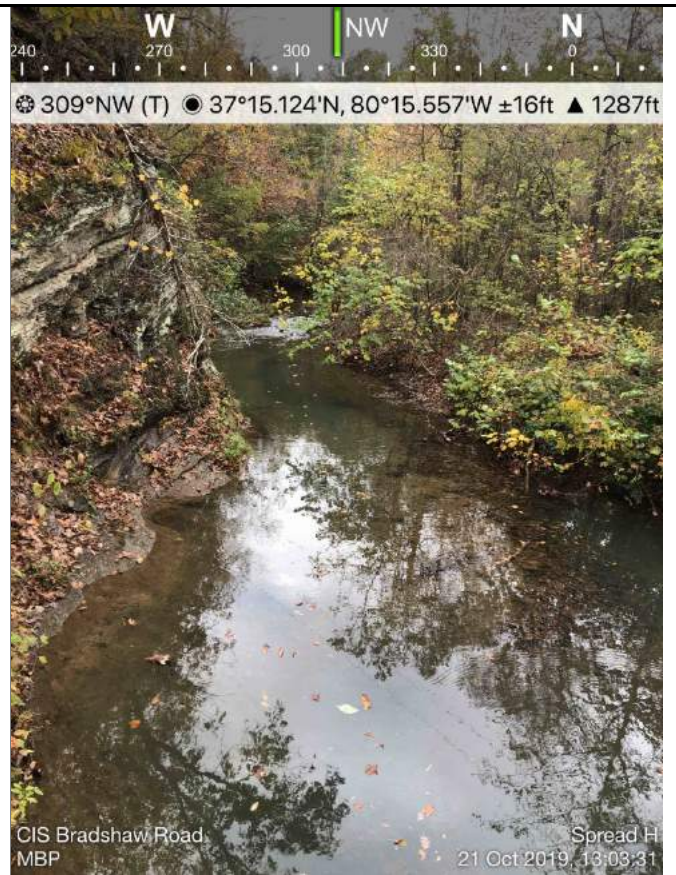
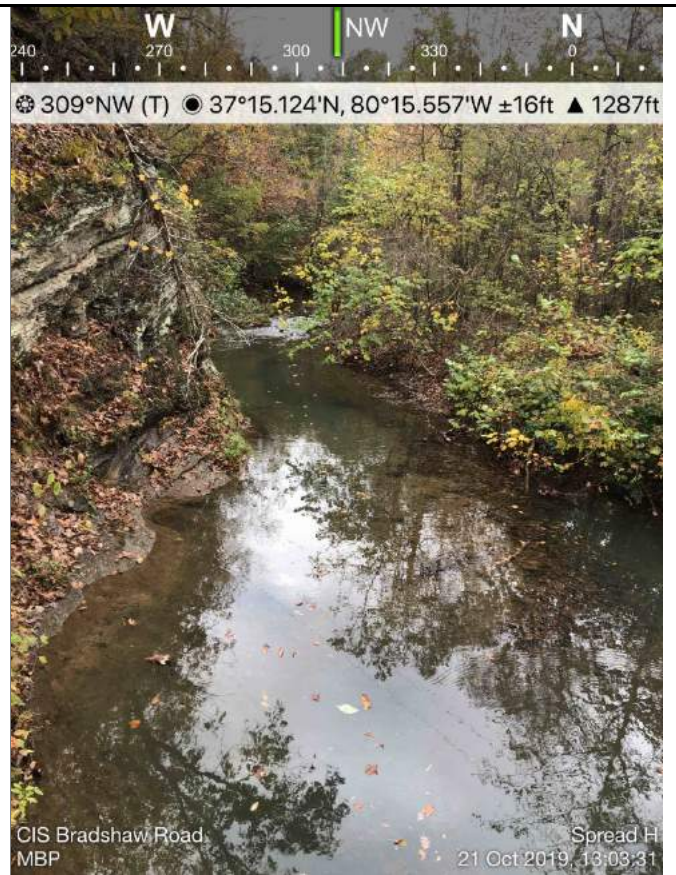
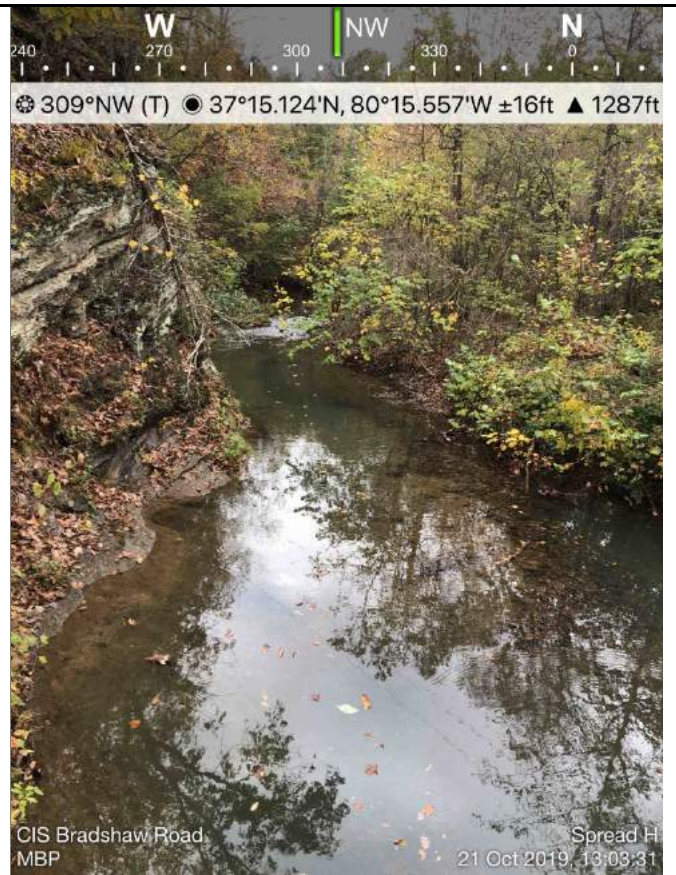
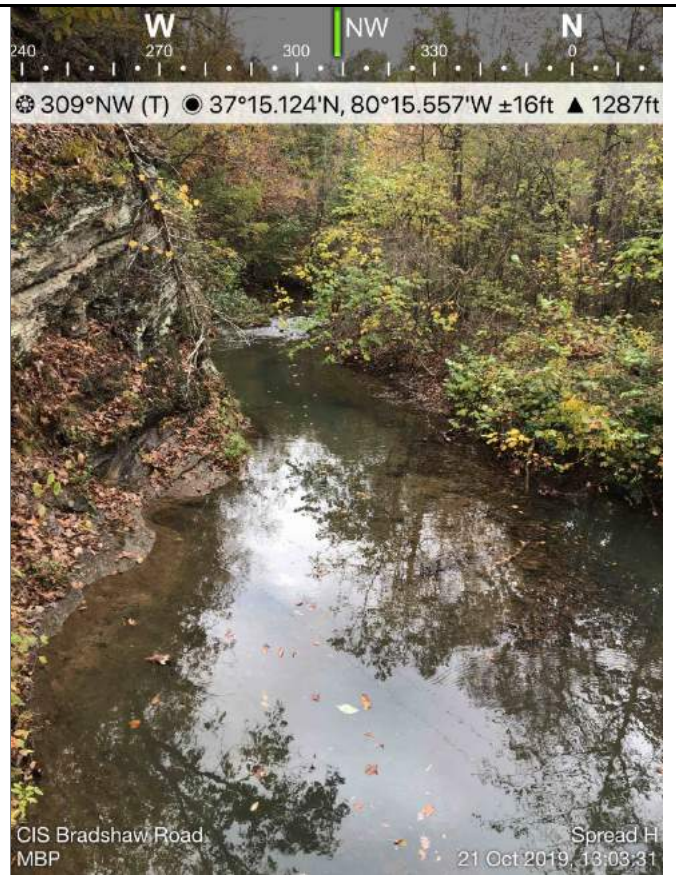
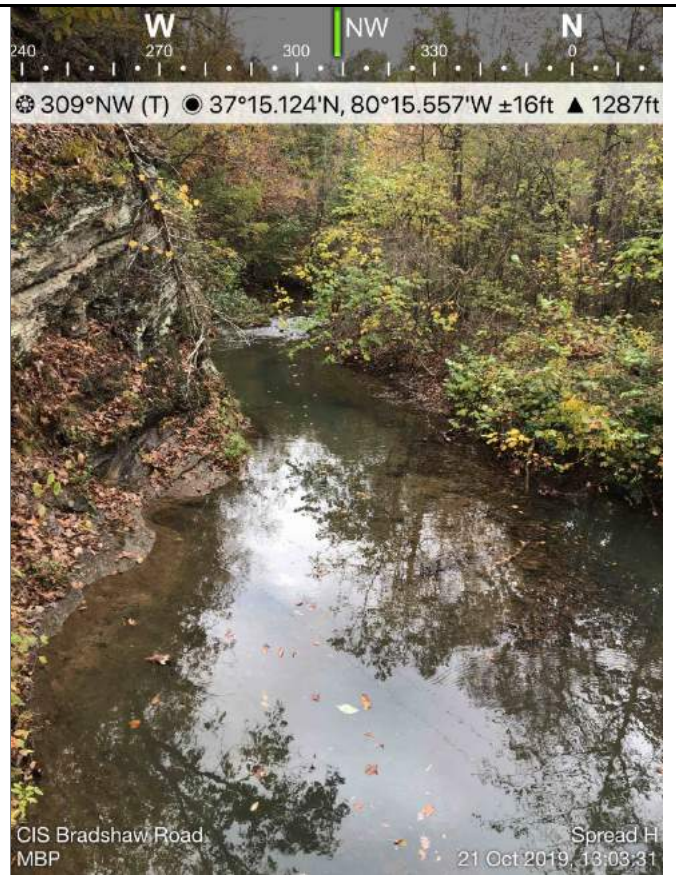
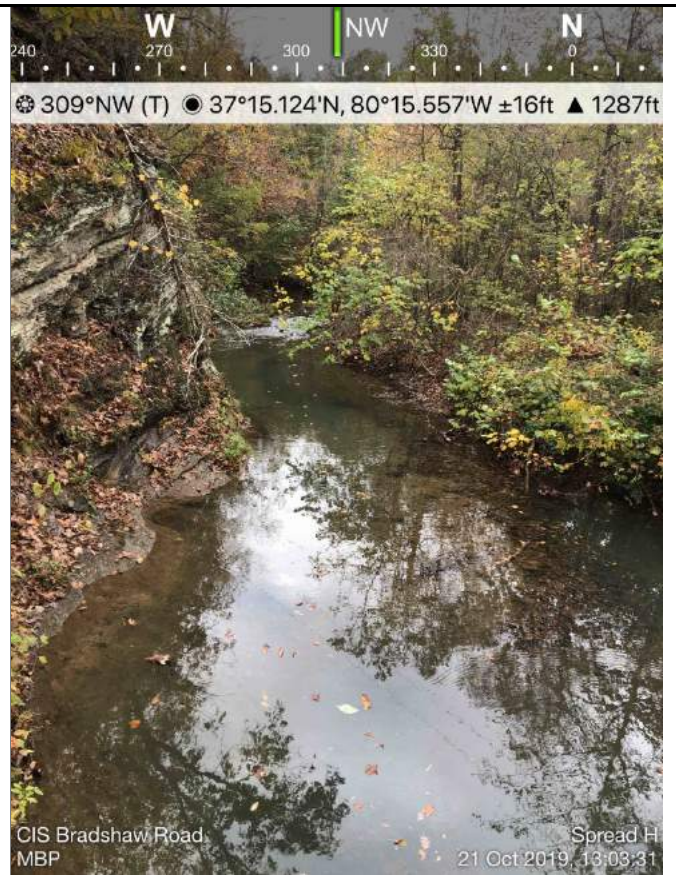
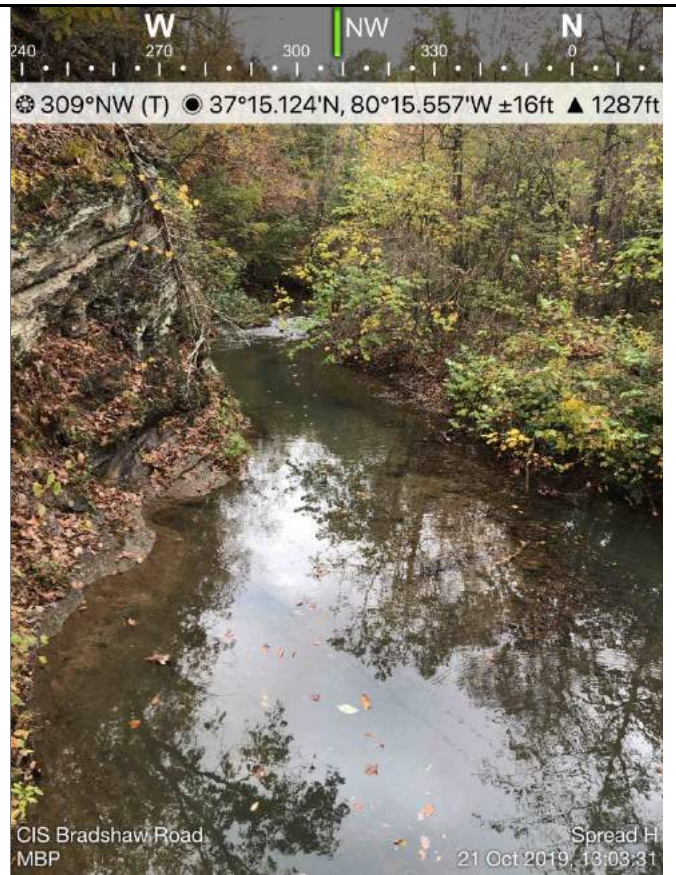
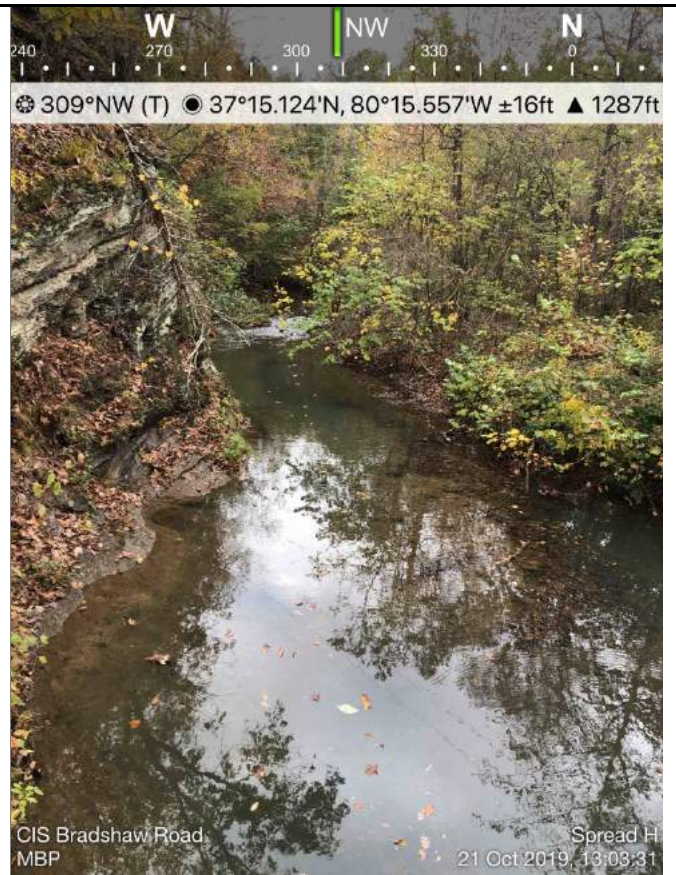
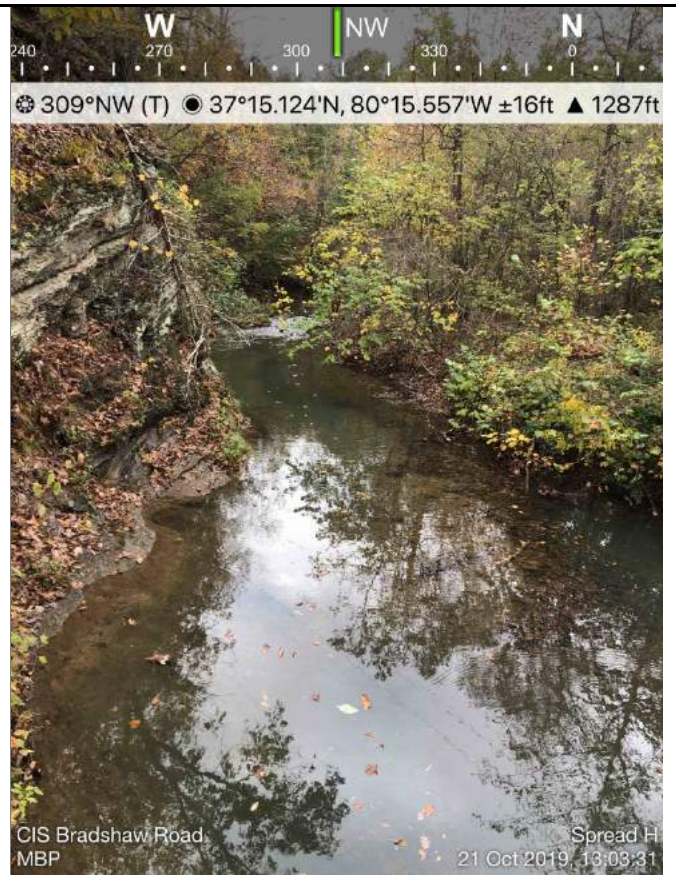
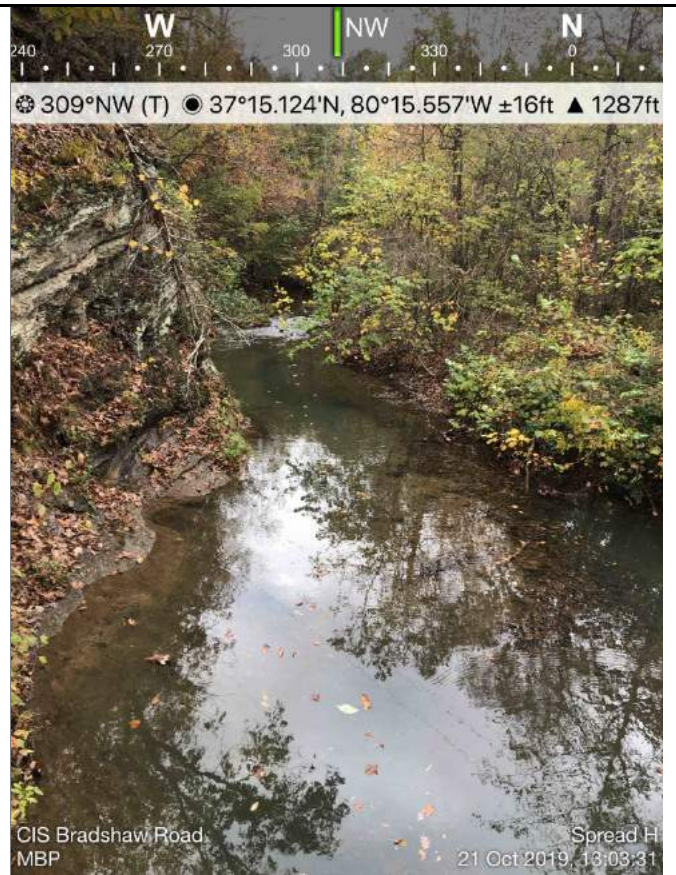
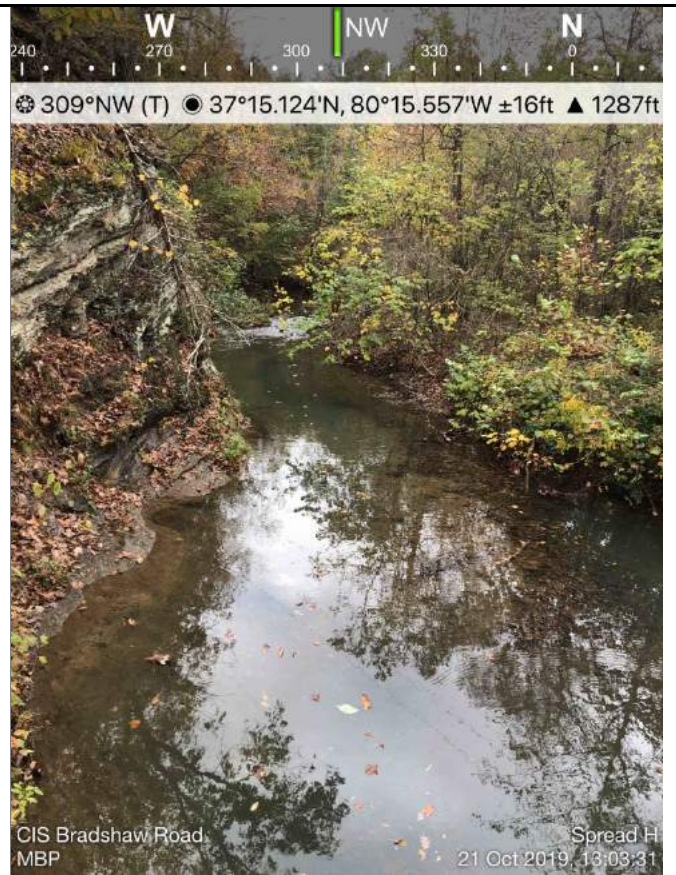
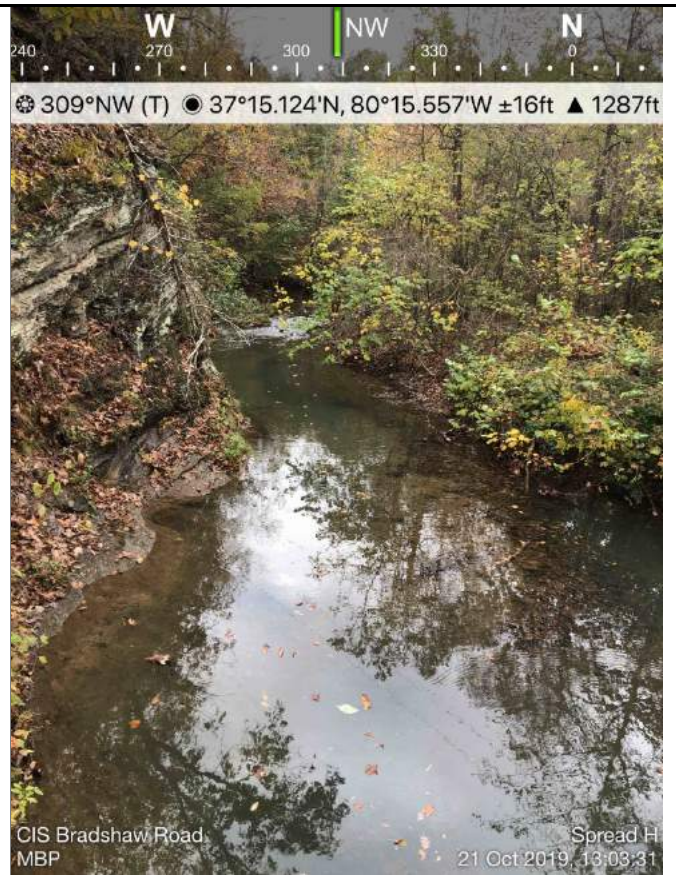
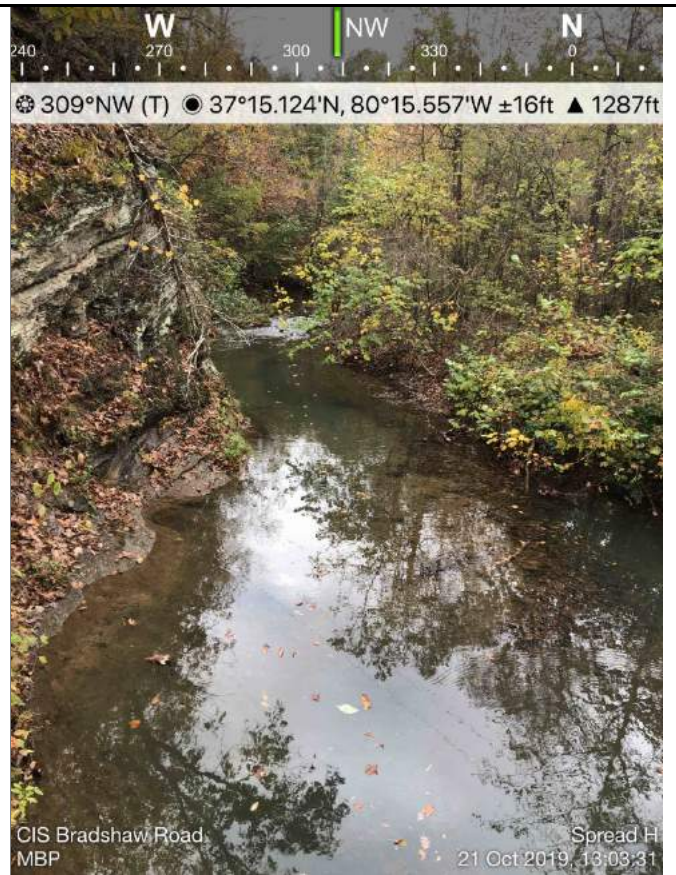
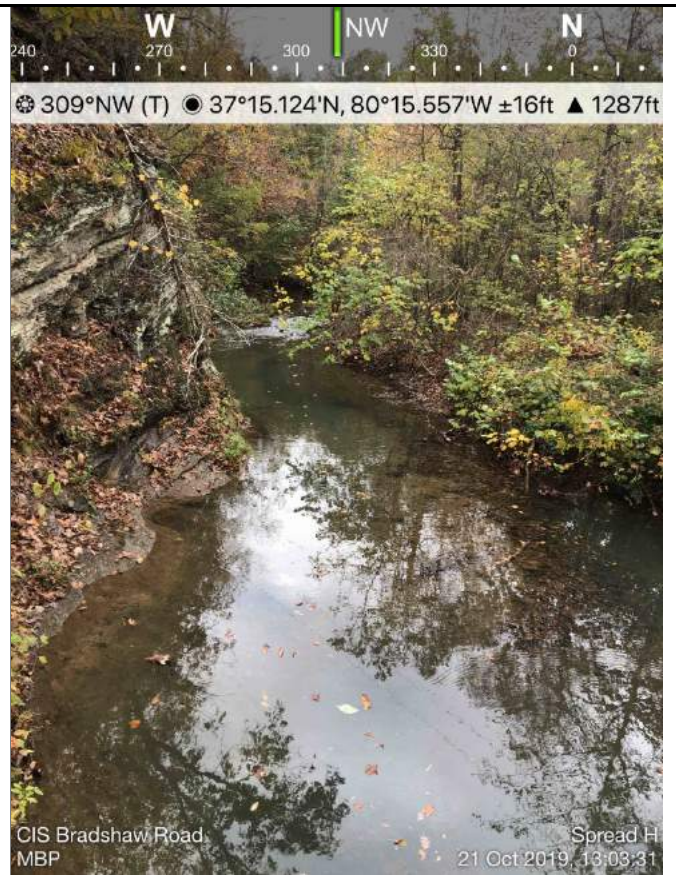
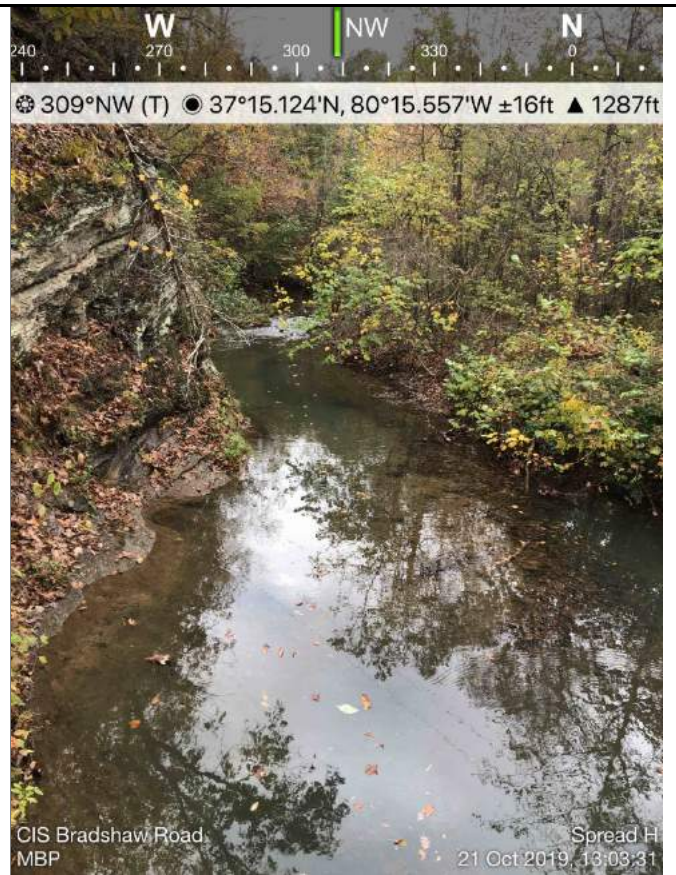
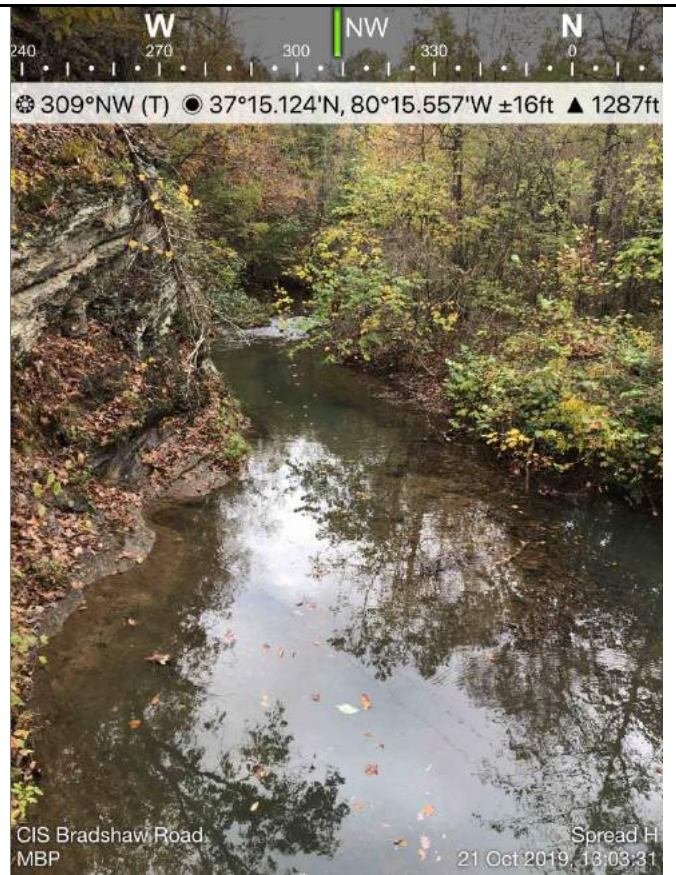
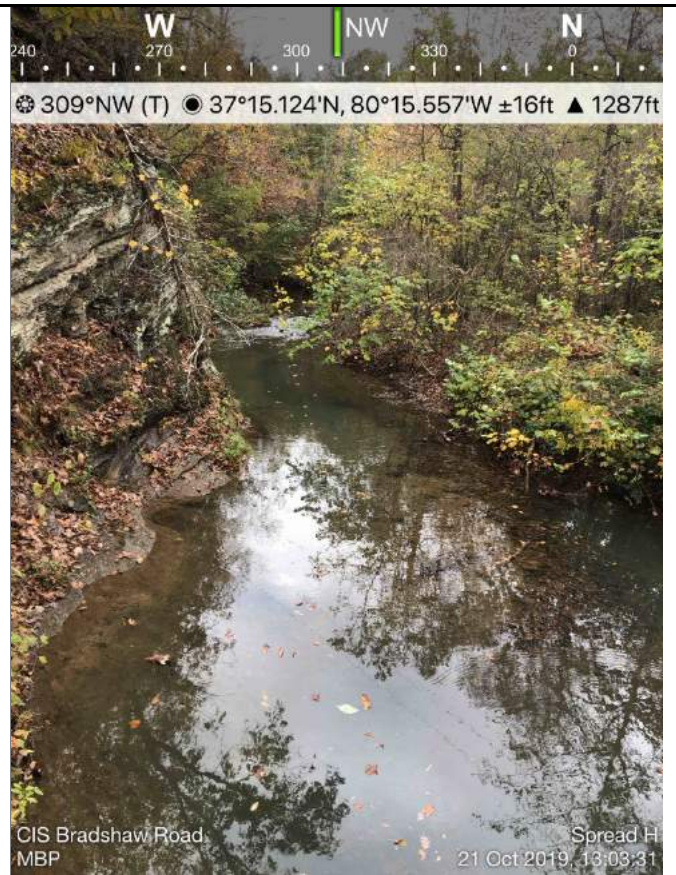
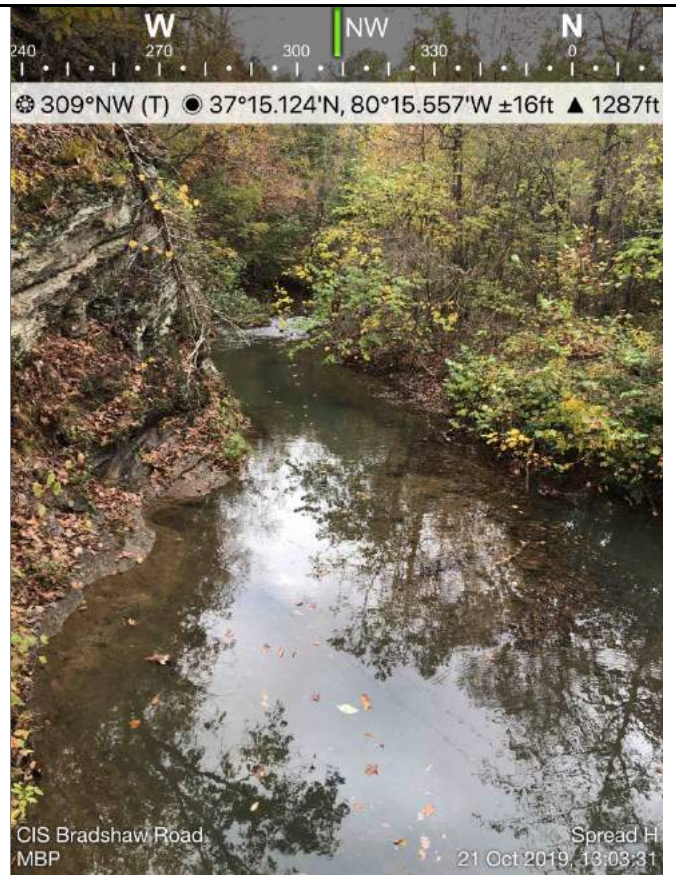
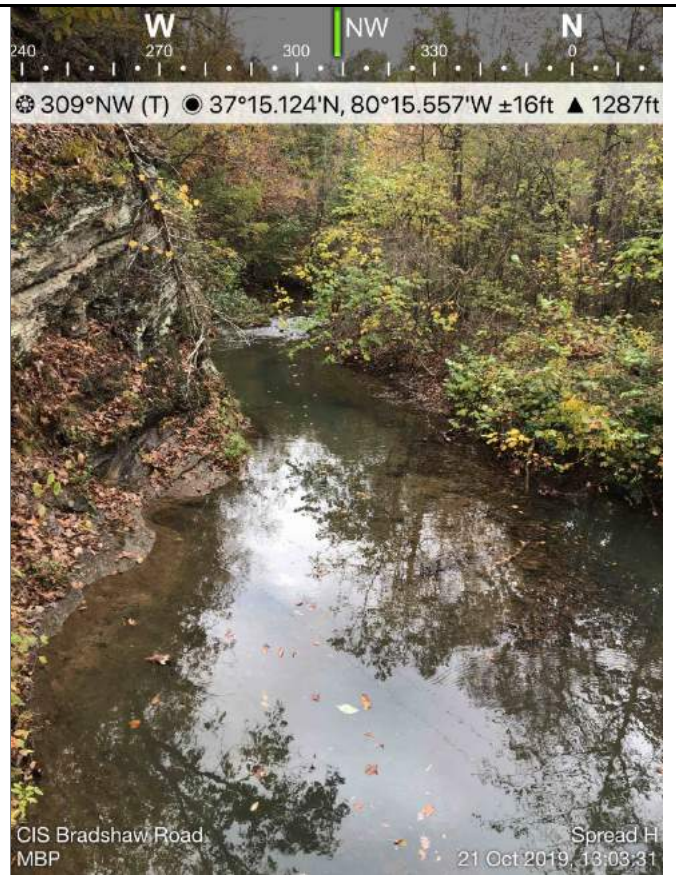
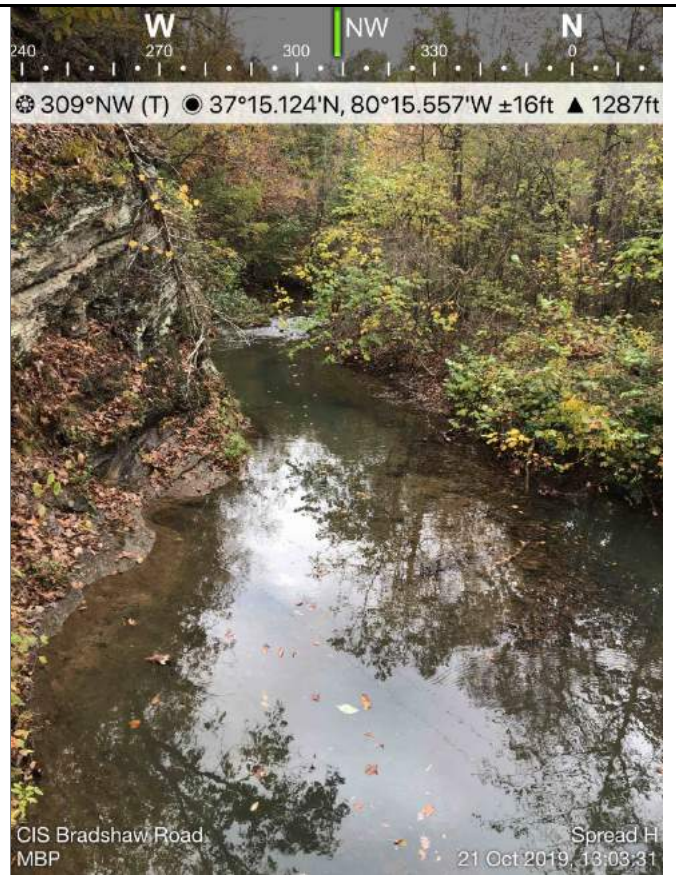
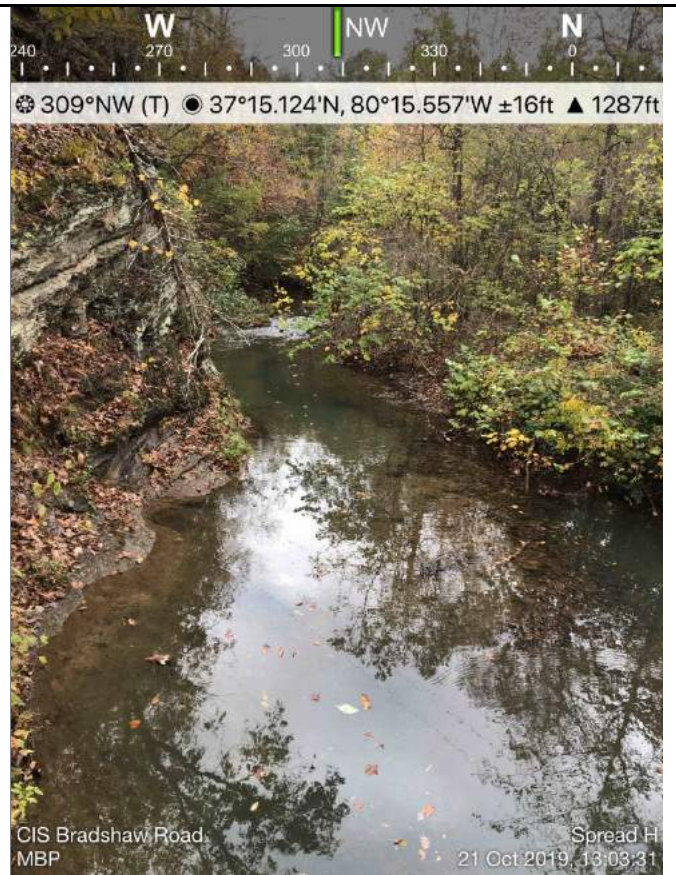
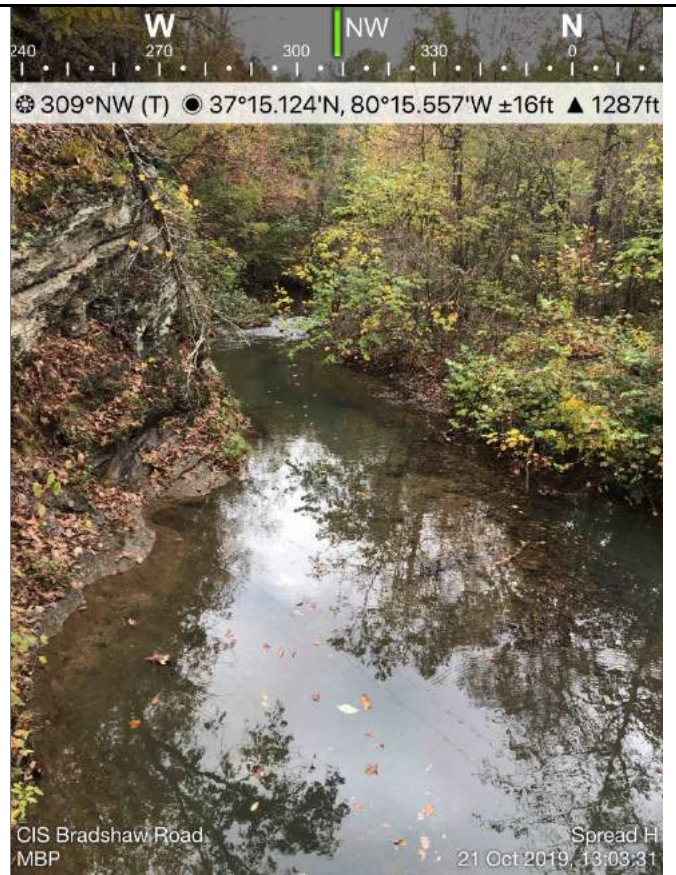
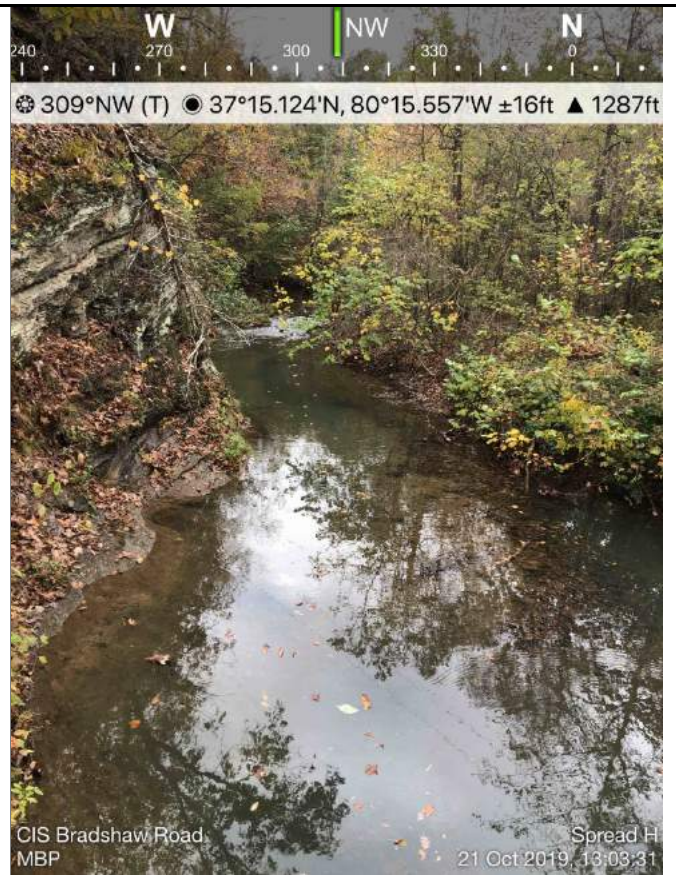
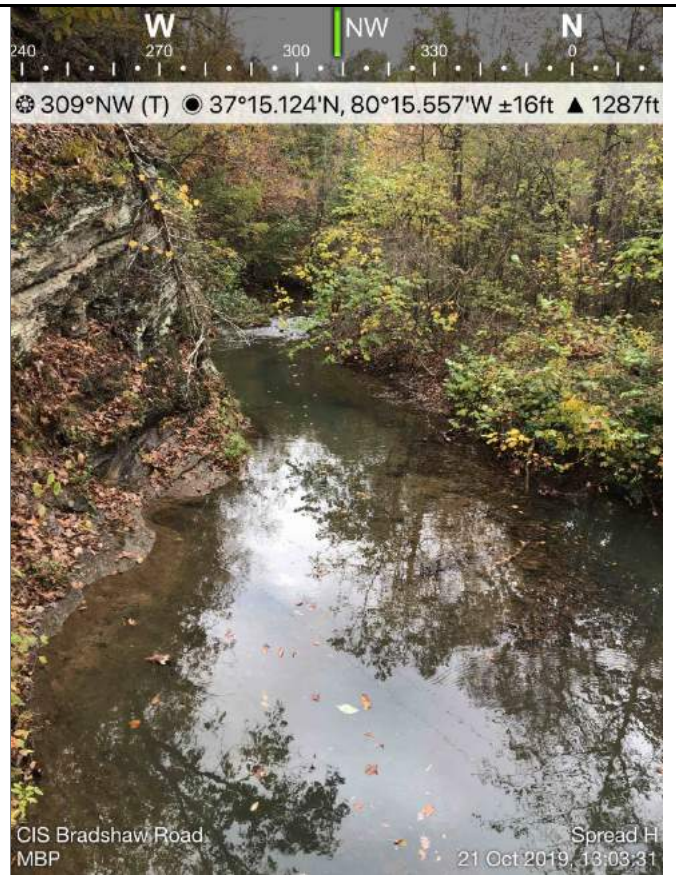
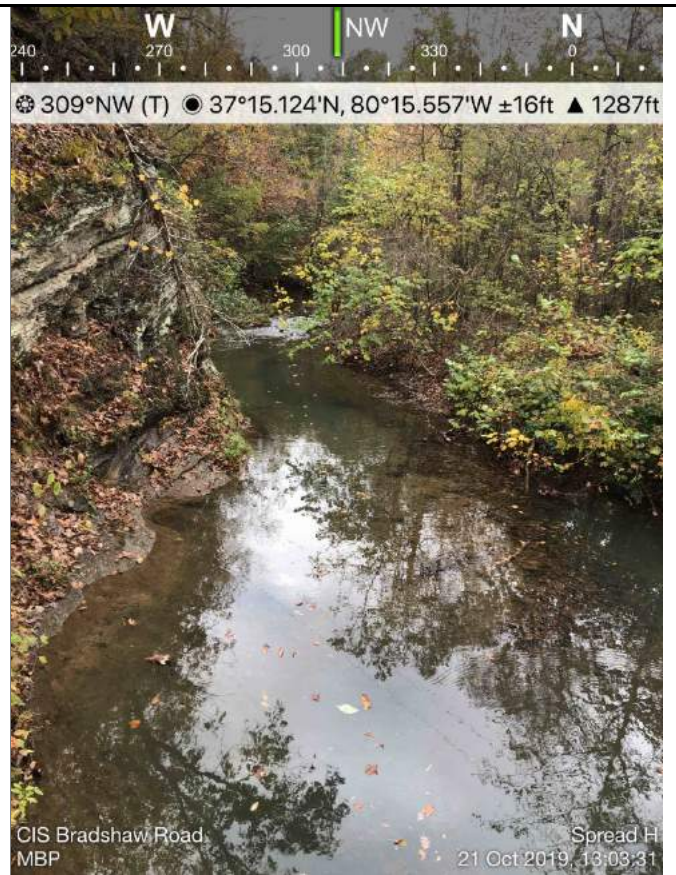
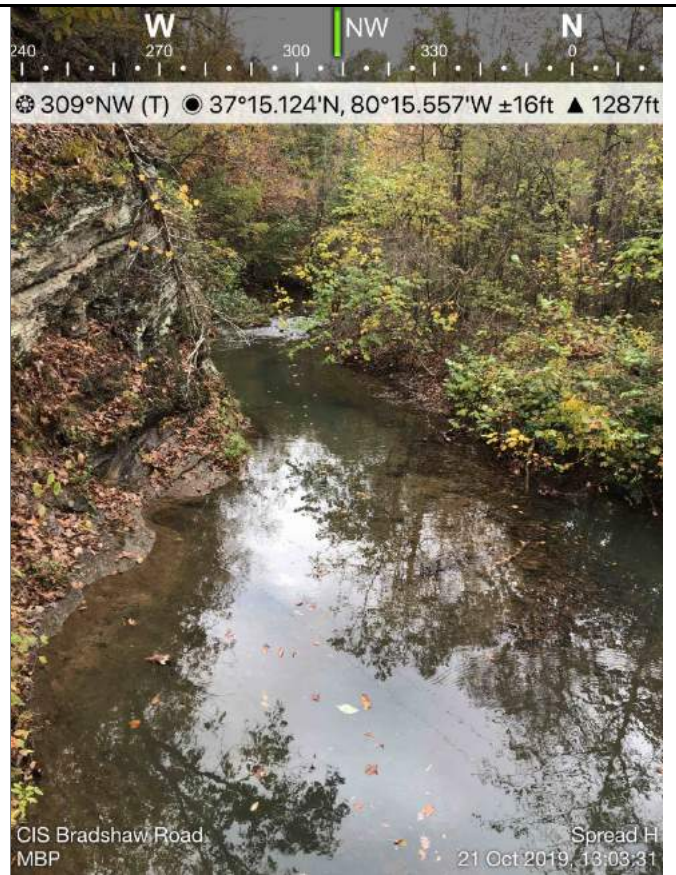
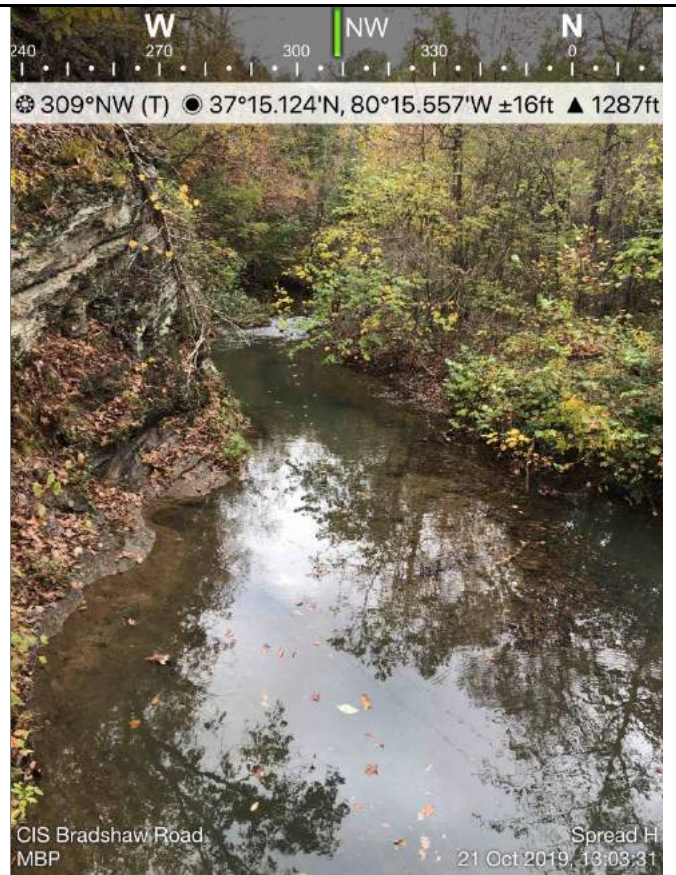
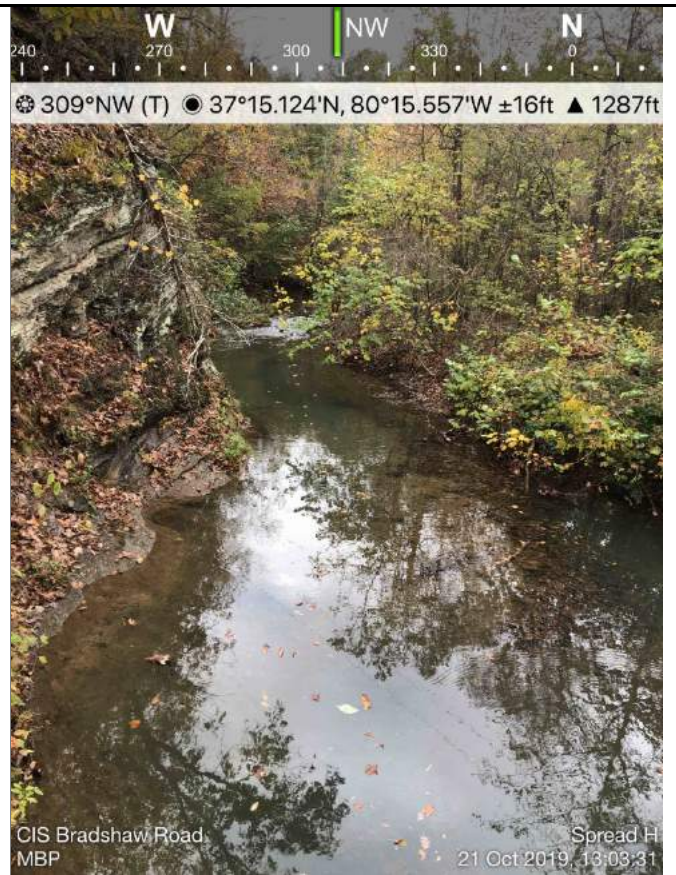
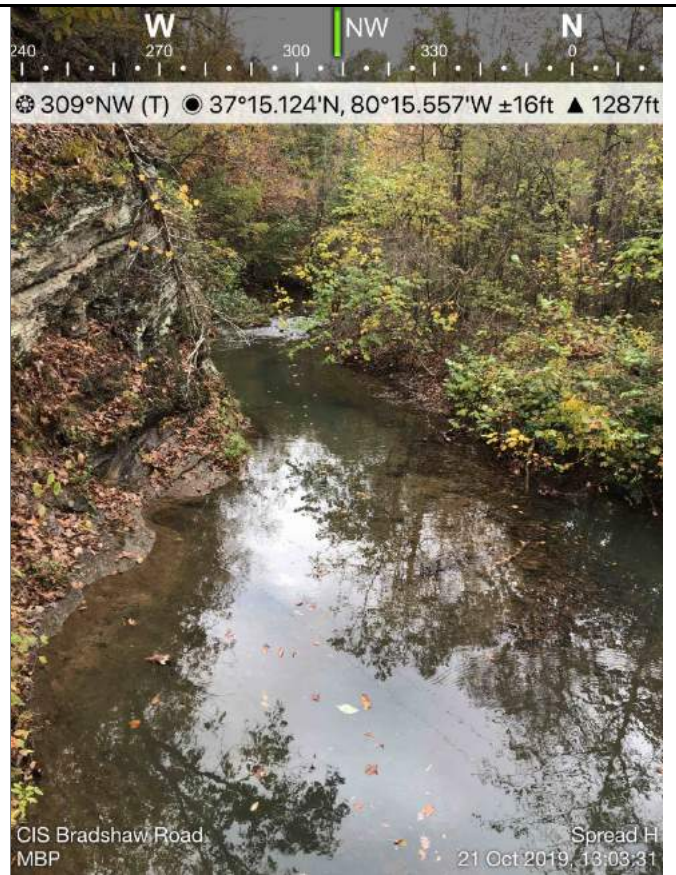
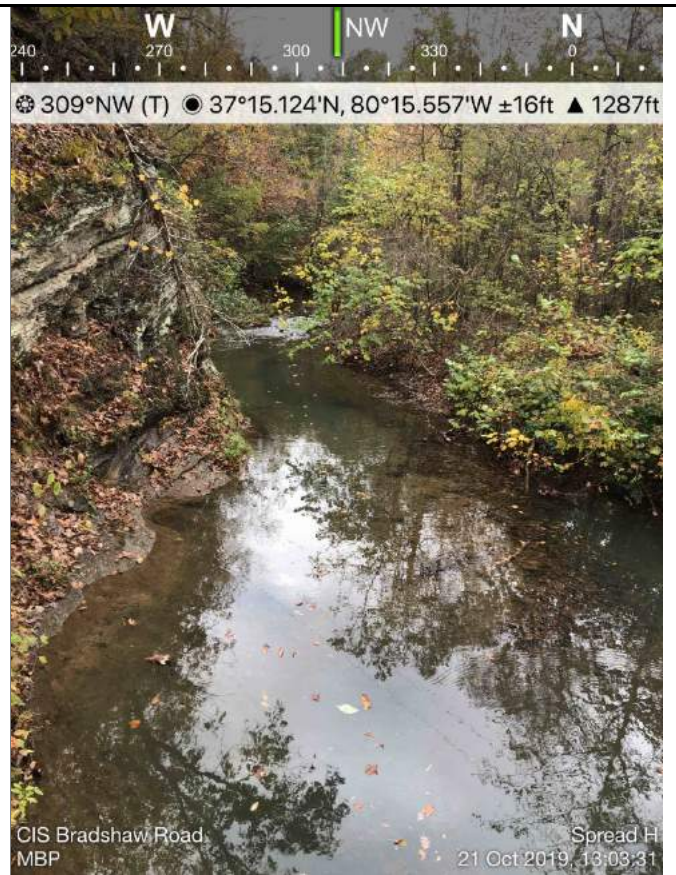
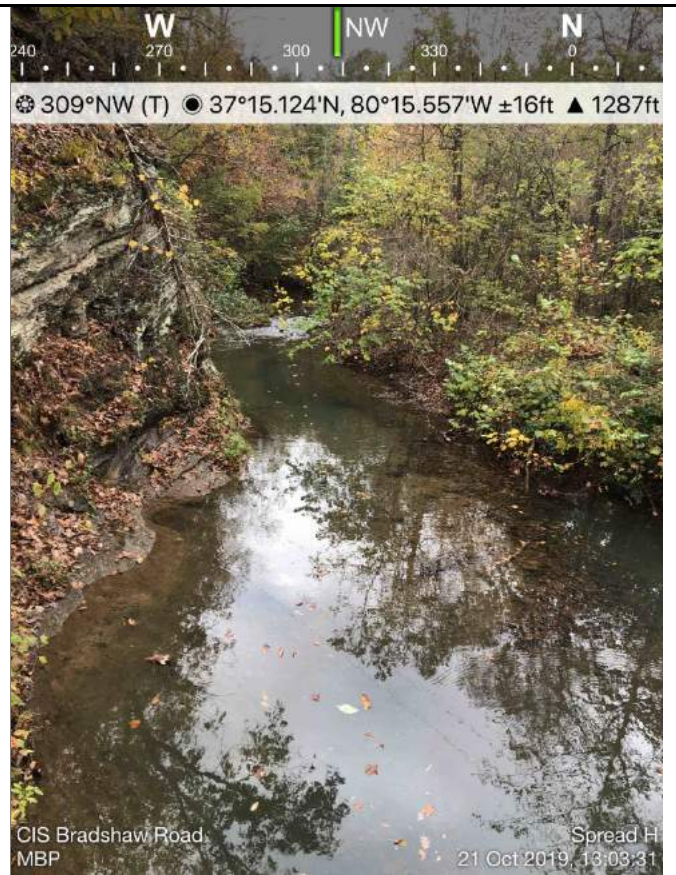
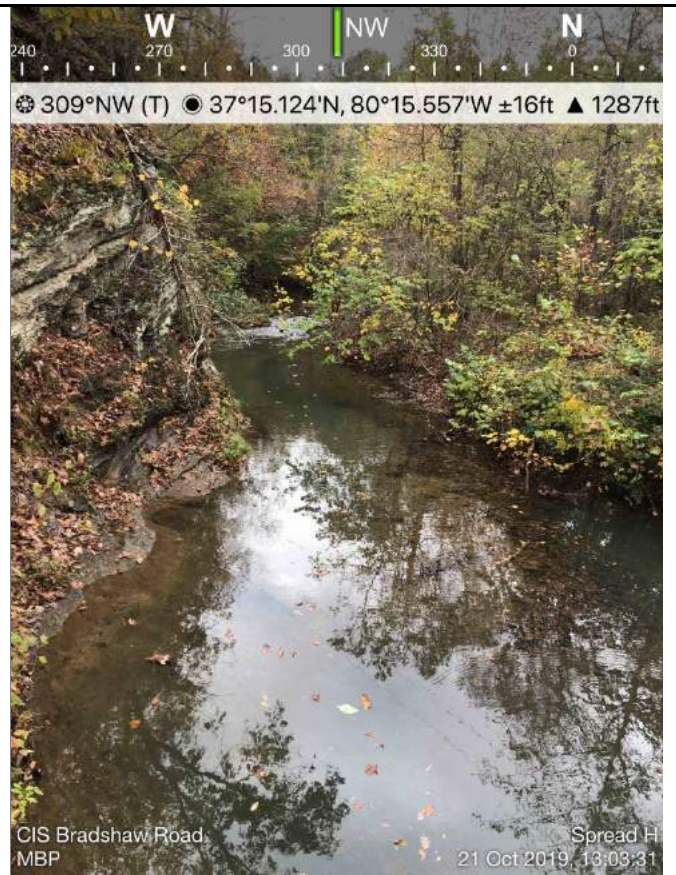
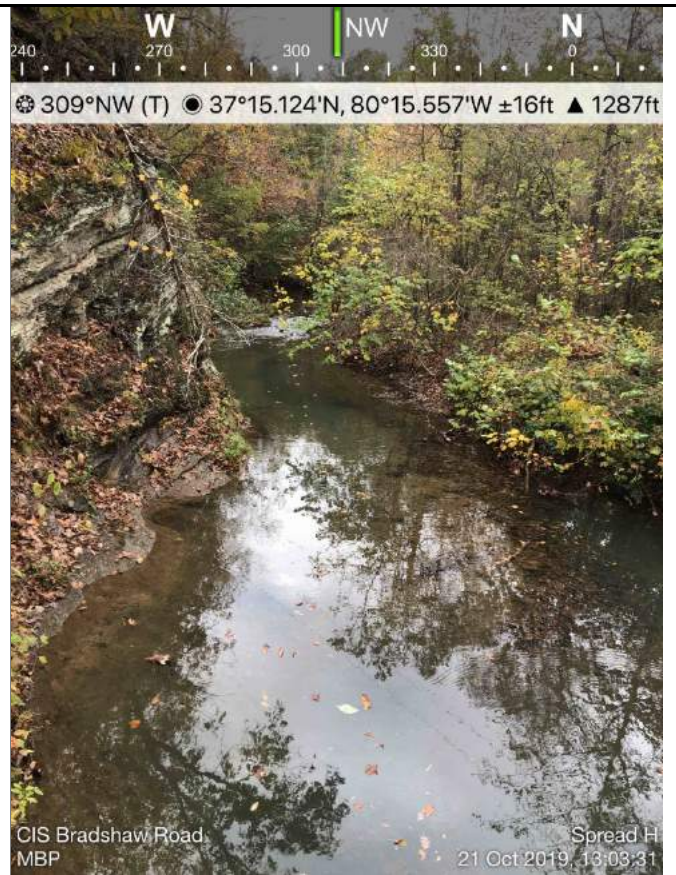
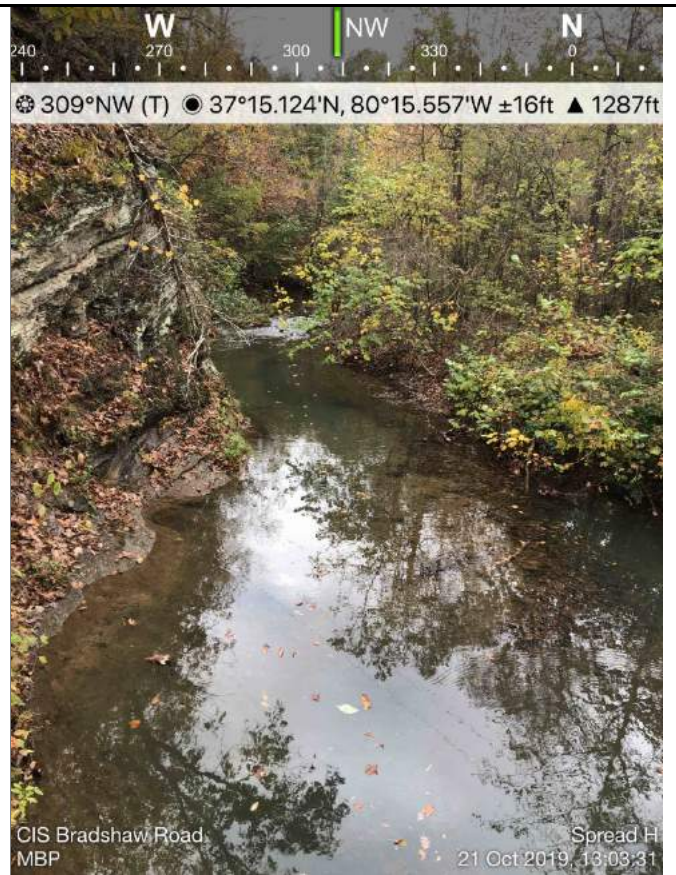
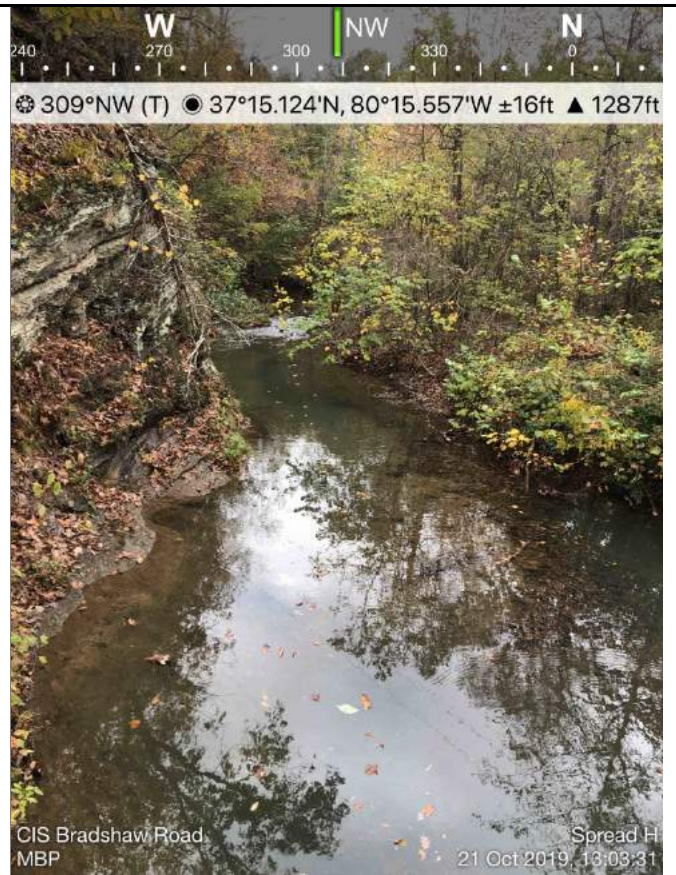
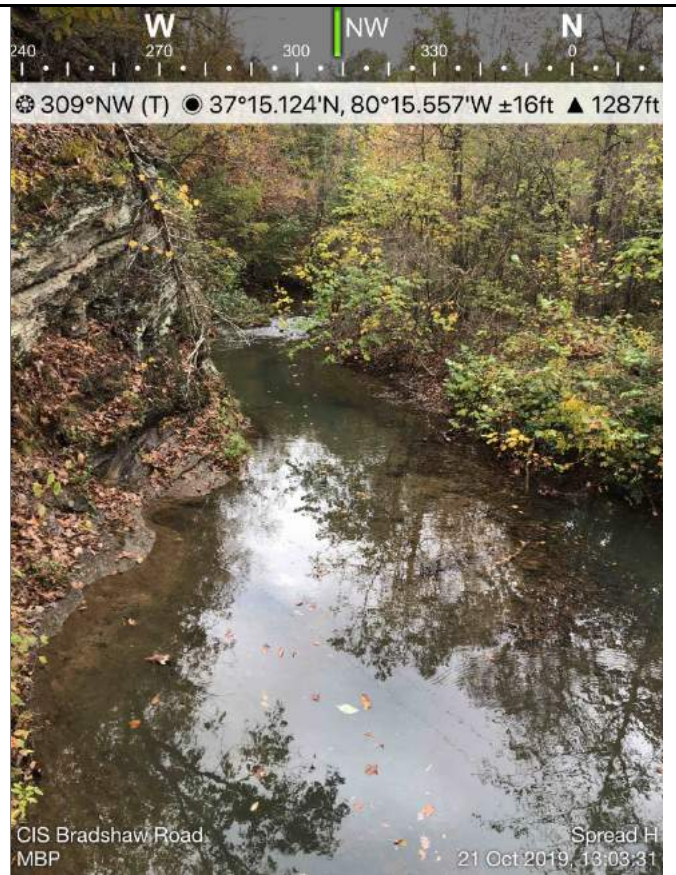
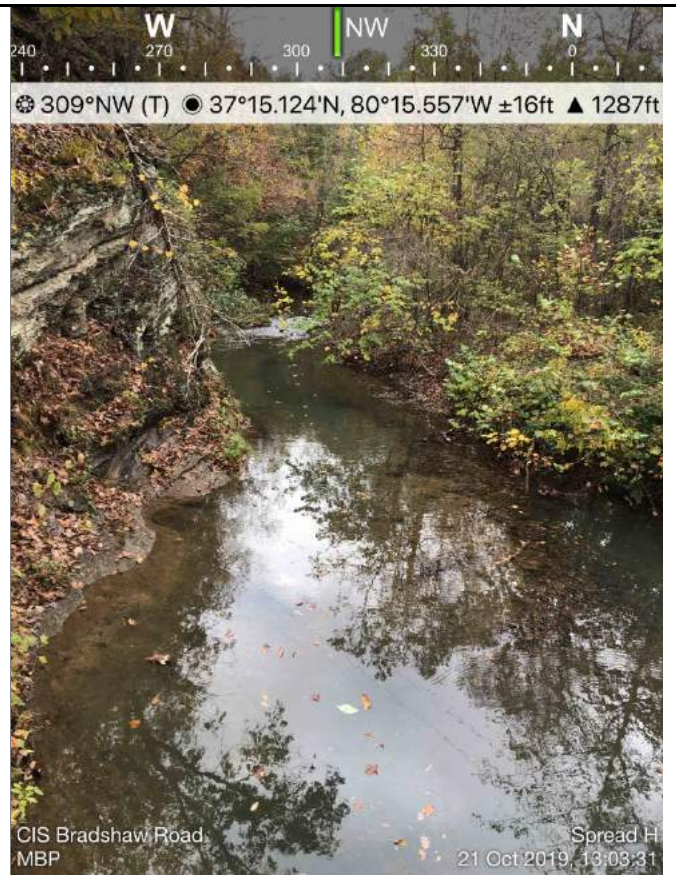
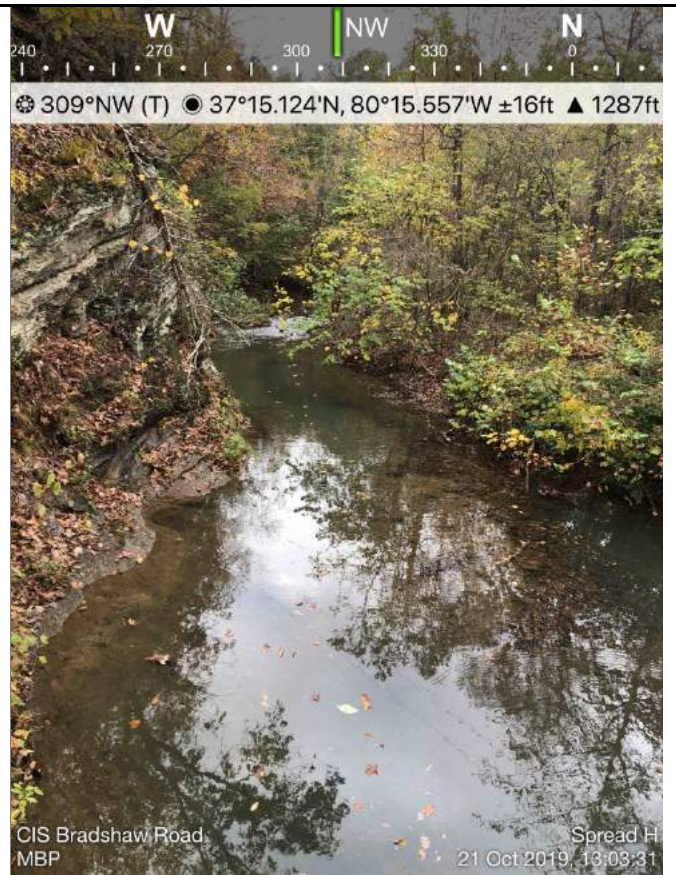
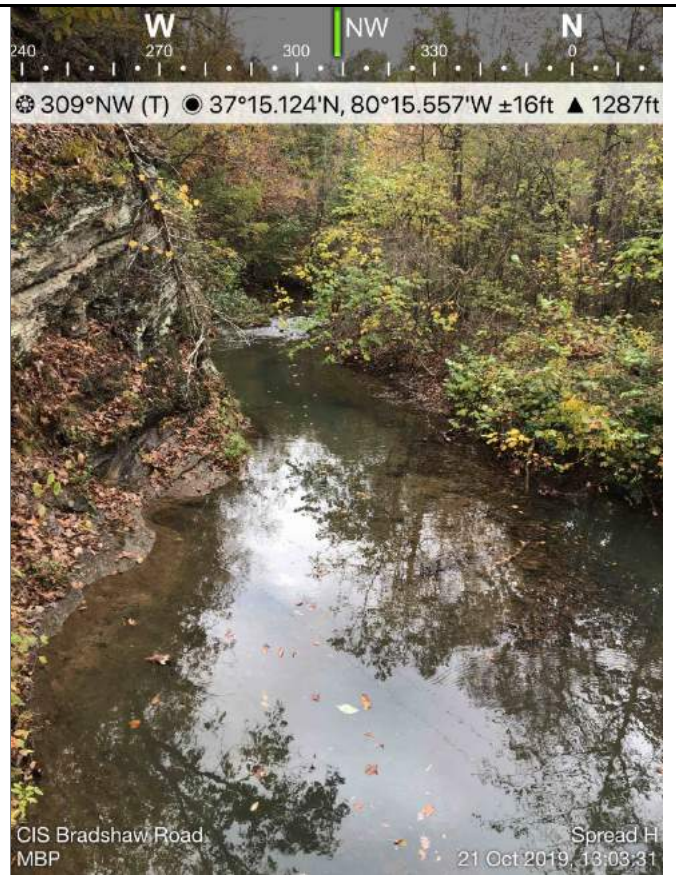
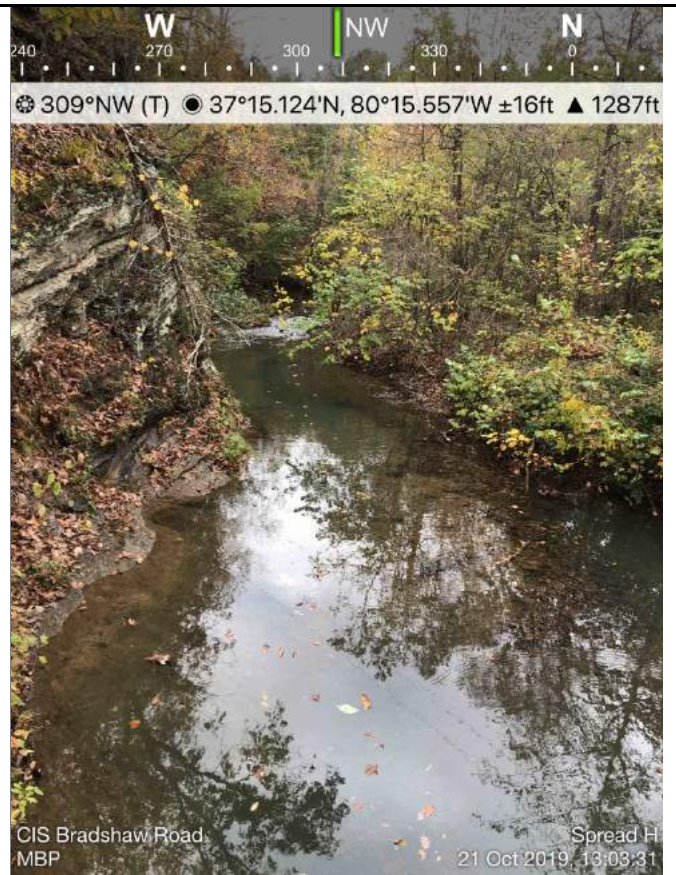
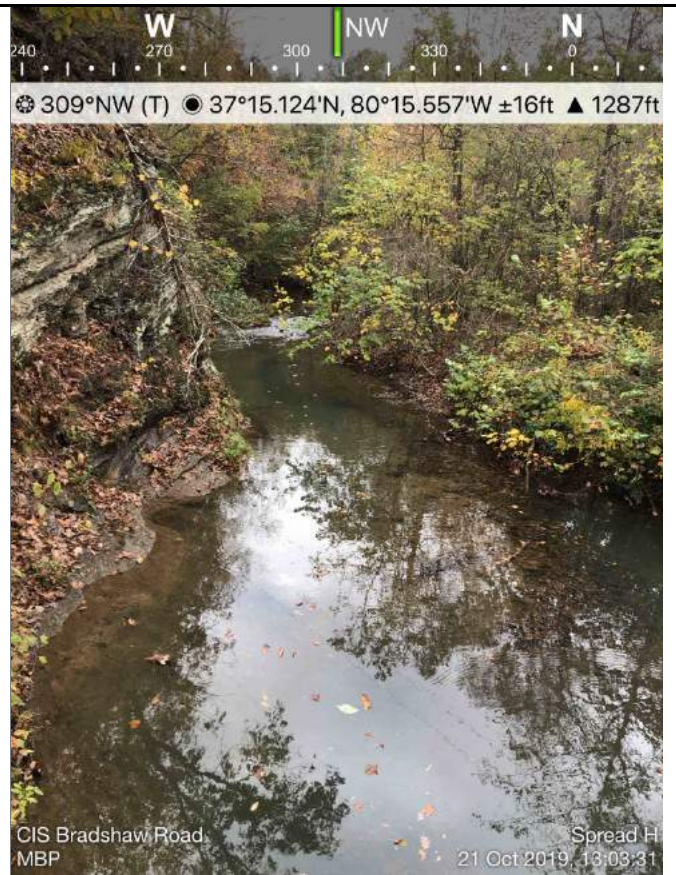
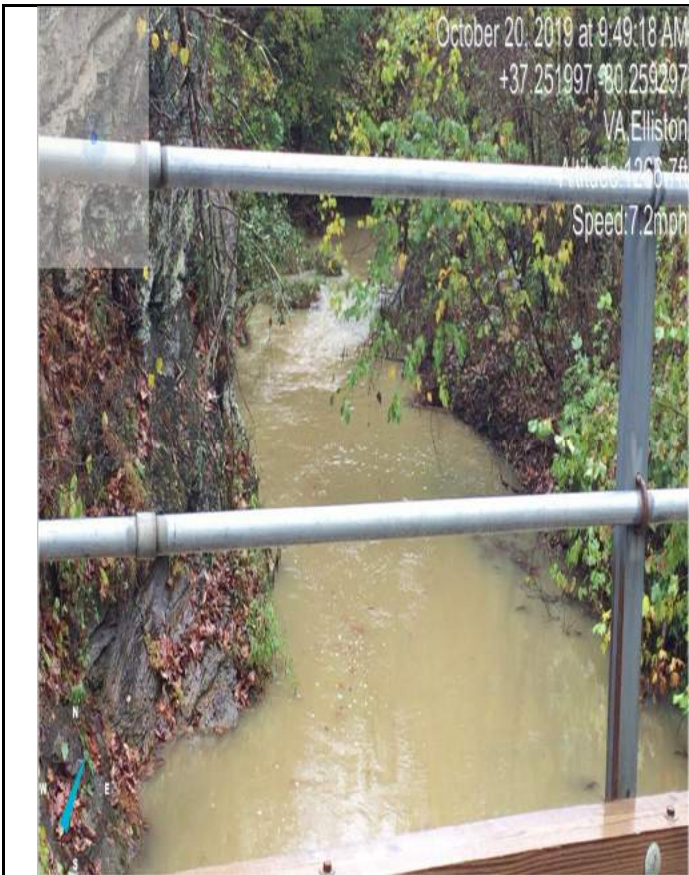
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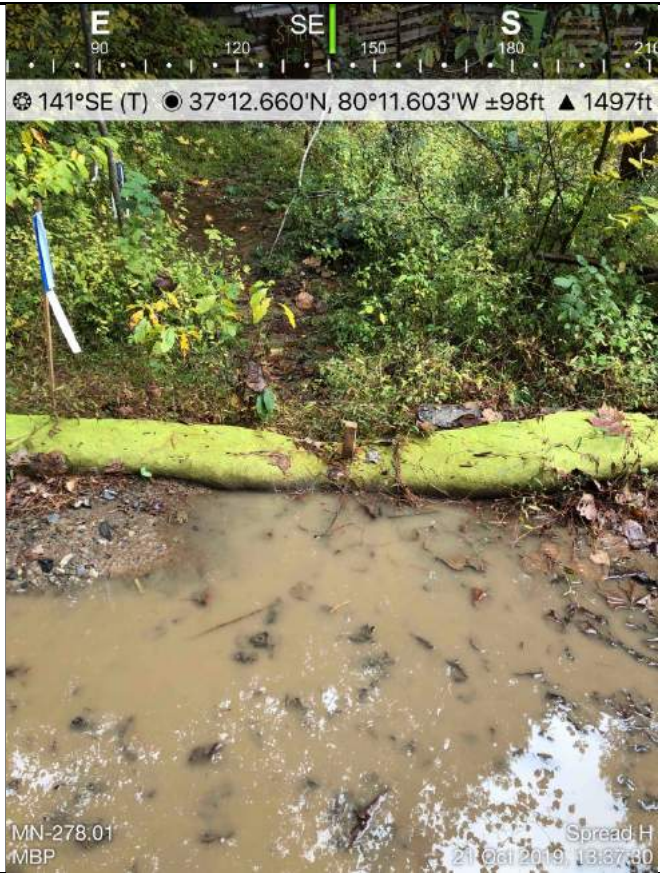
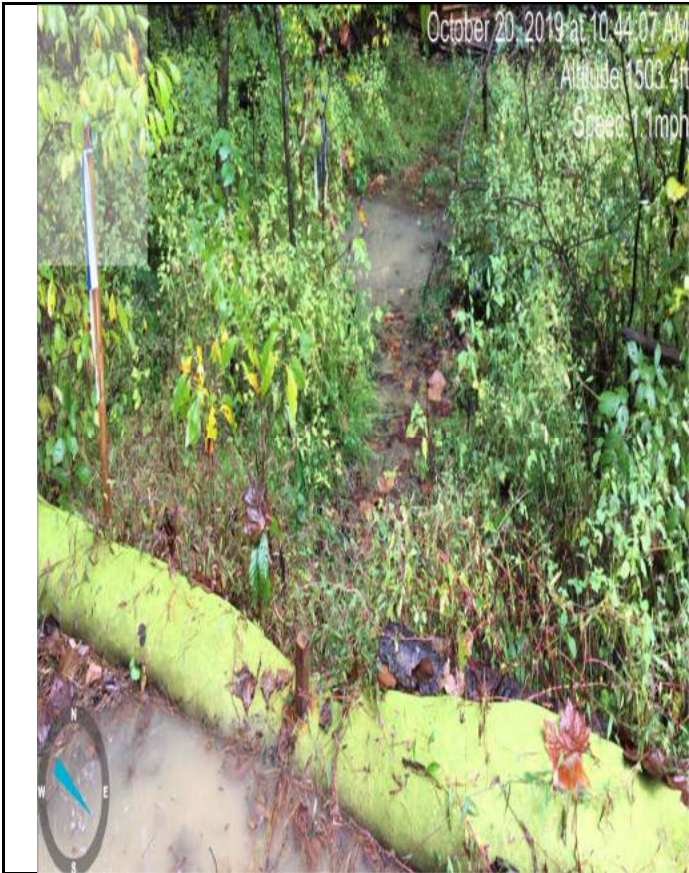
Attachments [IR 292491.pdf](#)
 [Photo Log - 10-21-19 IR#292491.pdf](#)

Content Type: Item
Version: 3.0

Created at 10/22/2019 10:24 AM by ☐ Dane Blevins
Last modified at 10/22/2019 11:07 AM by ☐ Cody Bain

Close





Caption

Caption



Caption



Caption



Pollution Incident Summary Report

Incident Summary

IR#: 292491

Site Name: MVP - erosion, sediment release into creek

Incident Date: 10/20/2019

Date Received: 10/21/2019

Status: Under Investigation

Assigned To: Austen Stevens

Program: VSMP (Construction) Compliance

911 Address: Elliston, VA 24087

HMVA #:

NRC #:

EPA #:

SSORS #:

Sewage Related: No

Latitude: 37.251997

Longitude: -80.2593

Geographic Region: Blue Ridge

Program Participants

Name	Program
Count: 0	

Incident Details

Incident Date: 10/20/2019

Incident Description: Email text: "It appears MVP had some issues containing sediment on the ROW. Bradshaw creek once again was considerably less turbid upstream of the ROW and very turbid downstream. I also documented the confluence of Bradshaw creek and the North Fork of the Roanoke River showing how Bradshaw was very turbid. Given the dry weather and fine silt nature of the soil MVP has disturbed I am not surprised this happened during a relatively gentle and light rainfall. Additionally I monitored the ROW over on Yellow Finch Road and documented some sediment laden water spilling over the sediment socks into an UNT. Above Yellow Finch there was some significant slippage of soils. Fortunately it was contained to the ROW, but I suspect a heavier rain could cause a significant landslide, despite their SE control pellets that have been dispersed here. I know this sediment in Bradshaw Creek has been blamed on the railroad and I am disputing that notion. I've lived out here for 15 years and have NEVER seen this amount of sediment in Bradshaw Creek. Ever..." Additional photos available in original email.

Materials Information

Material Name	Low Range	High Range	Units
Material Count: 1			
Sediment Laden Water	-1	-1	Gallons

Incident Type

Program/Media	Type
Count: 1	
Water	SW Construction

Receptor Information

Impacted/Threatened Water Body: Yes

Water Body Name: Bradshaw Creek

Status: Impacted

Amount to Water:

Low Range	High Range	Units
-1	-1	Cubic Yard

Other Receptor Information: UNT to North Fork Roanoke River

Other IR Information

Characterize Incident as:
Weather Event:
Site Summary Notes:

Contacts

Contact Type	Organization Name	Name	Address	City	State	Phone Number
Contact Count: 2						
Responsible Party	Mountain Valley Pipeline (MVP)					
Reported By		Tina Badger	4181 Bluebird Dr.	Elliston	VA	5407659481

Agencies Notified

No Notifications were made for this report.

Associated Programs

Item	Description
Associated Programs Count: 0	

Events

Type	Event Date	Due Date	Completed Date	Assigned Staff	Created By
Event Count: 3					
Under Investigation	10/21/2019				ATSTEVENS
Assigned	10/21/2019				ATSTEVENS
Assigned to: Austen Stevens, Assigned By: ATSTEVENS					
Call Received	10/21/2019				ATSTEVENS

Sewage Information

Duration of Event (HRs):
Wet Weather Event:
Precipitation (inches):
Discharge Treated:
Discharge Volume (gallons): Discharge Volume Unknown:
Type of Structure:
Corrective Action Taken:

Cause of Event

Cause	Description
Count: 0	

Impact of Events

Impact	Description
Count: 0	

Steps to Reduce, Prevent, Mitigate

Step	Description
Count: 0	

Documents

Title	Document Type	Document Date	Document File Type
Document Count: 0			

Pollution Report as Received

Incident Date: 10/20/2019 09:10 Received Date: 10/21/2019 10:08 Received By: Austen Stevens Incident Still Occurring? No Agencies Notified? No Sewage Related: No	911 Address: Elliston, VA 24087 City/County (FIPS): Montgomery County Geographic Region: Blue Ridge Agencies Notified:
Description of Incident: Email text: "It appears MVP had some issues containing sediment on the ROW. Bradshaw creek once again was considerably less turbid upstream of the ROW and very turbid downstream. I also documented the confluence of Bradshaw creek and the North Fork of the Roanoke River showing how Bradshaw was very turbid. Given the dry weather and fine silt nature of the soil MVP has disturbed I am not surprised this happened during a relatively gentle and light rainfall. Additionally I monitored the ROW over on Yellow Finch Road and documented some sediment laden water spilling over the sediment socks into an UNT. Above Yellow Finch there was some significant slippage of soils. Fortunately it was contained to the ROW, but I suspect a heavier rain could cause a significant landslide, despite their SE control pellets that have been dispersed here. I know this sediment in Bradshaw Creek has been blamed on the railroad and I am disputing that notion. I've lived out here for 15 years and have NEVER seen this amount of sediment in Bradshaw Creek. Ever..." Additional photos available in original email.	
Location Description: Bradshaw Creek near MVP ROW at (37.251997, -80.259297); Yellow Finch Rd. at (37.211052, -80.193715)	

Receptor Information
Impacted/Threatened Water Body: Yes Water Body: Bradshaw Creek Water Body Status: Impacted

Other IR Info
NRC #: EPA #: SSORS #: HMVA #:

Permit Details
Facility Permitted? No Facility Name: Permit ID:

Contacts	
Reported By Tina Badger (540) 765-9481 4181 Bluebird Dr. Elliston, VA 24087 Contact On Scene N	Responsible Party Mountain Valley Pipeline (MVP) Property Owner N



Mountain Valley Pipeline, rr <mountainvalleypipeline@deq.virginia.gov>

Fwd: MVP sediment and erosion failures

1 message

Tina Badger <forestchilde@gmail.com>

Mon, Oct 21, 2019 at 10:08 AM

To: "mountainvalleypipeline@deq.virginia.gov" <mountainvalleypipeline@deq.virginia.gov>

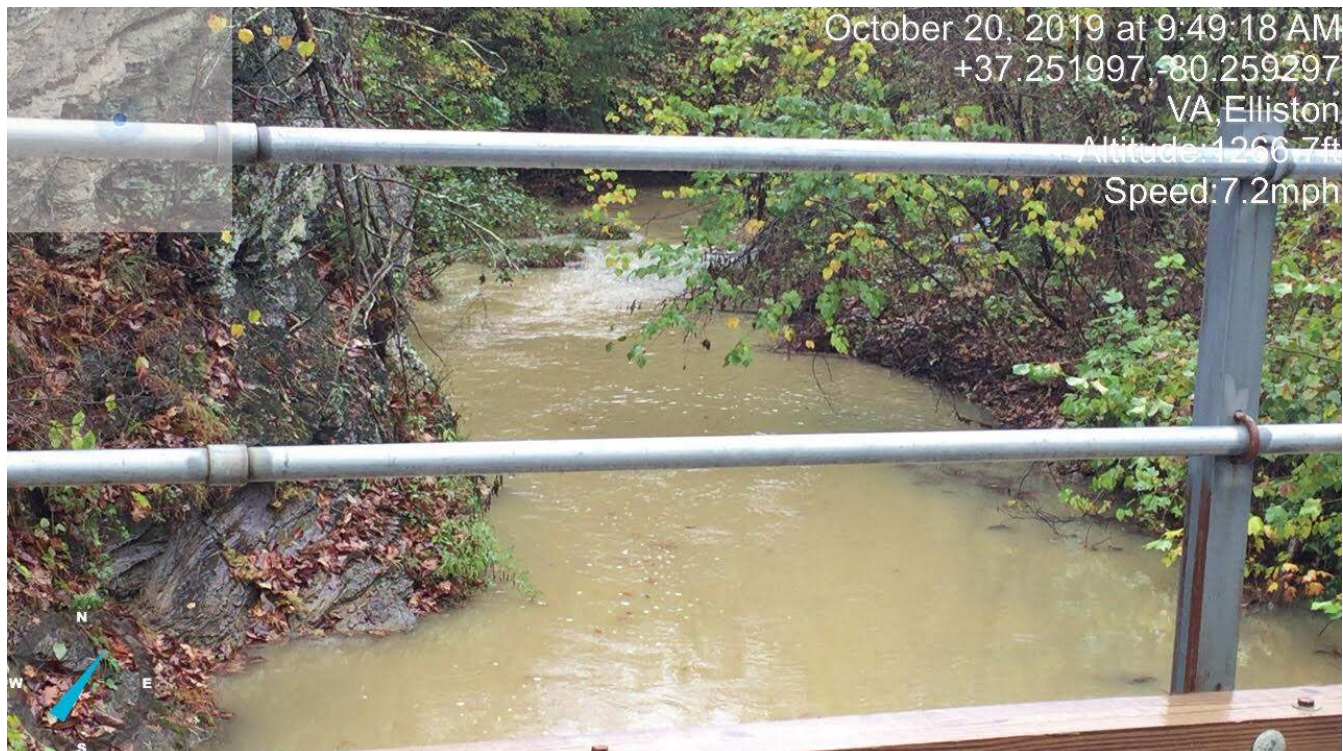
Good morning,

It appears MVP had some issues containing sediment on the ROW. Bradshaw creek once again was considerably less turbid upstream of the ROW and very turbid downstream. I also documented the confluence of Bradshaw creek and the North Fork of the Roanoke River showing how Bradshaw was very turbid. Given the dry weather and fine silt nature of the soil MVP has disturbed I am not surprised this happened during a relatively gentle and light rainfall.

Additionally I monitored the ROW over on Yellow Finch Road and documented some sediment laden water spilling over the sediment socks into an UNT. Above Yellow Finch there was some significant slippage of soils. Fortunately it was contained to the ROW, but I suspect a heavier rain could cause a significant landslide, despite their SE control pellets that have been dispersed here.

I know this sediment in Bradshaw Creek has been blamed on the railroad and I am disputing that notion. I've lived out here for 15 years and have NEVER seen this amount of sediment in Bradshaw Creek. Ever. The onus is on DEQ to locate the violations and enforce the regulations, which are grossly inadequate to begin with.

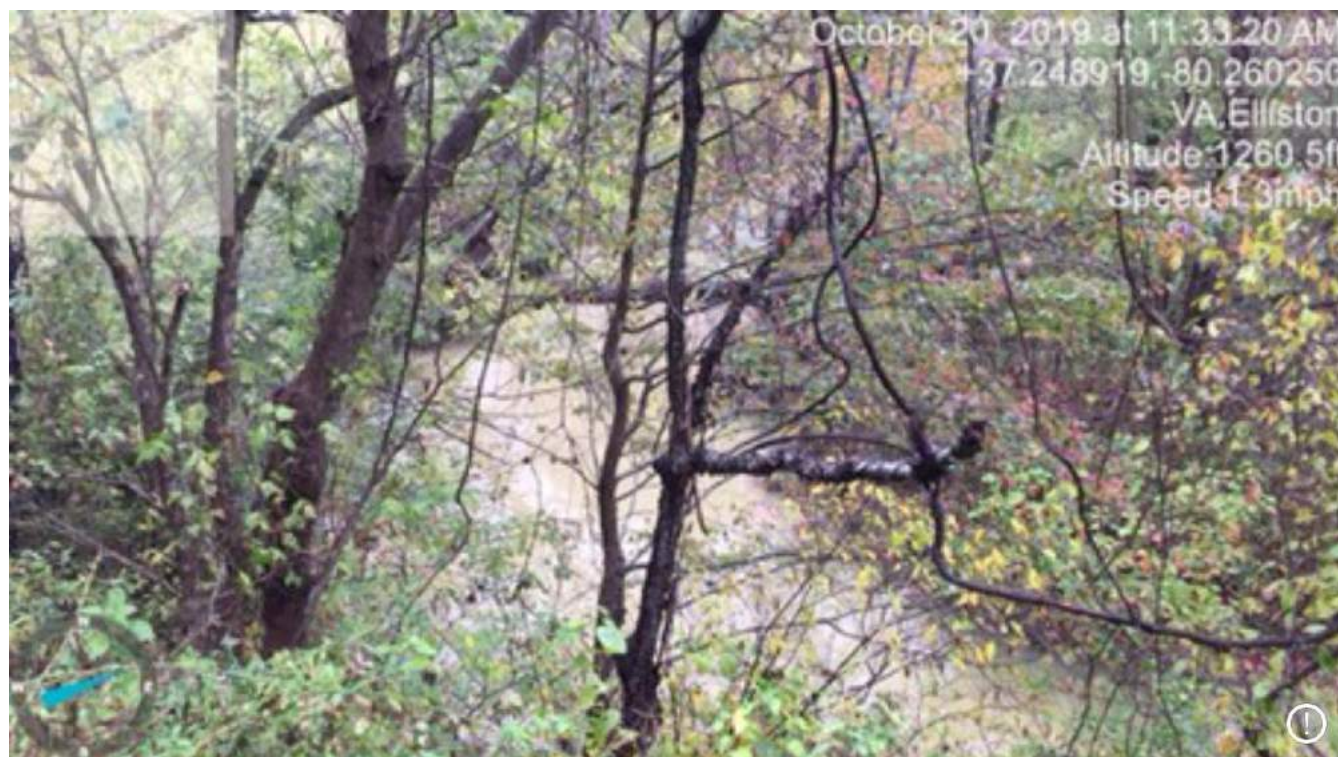
1. Bradshaw Creek at the bridge nearest the ROW.



2. Bradshaw upstream of the ROW and any areas of drainage off the ROW on the slopes above Bradshaw.



2a. Bradshaw downstream from ROW.



3. Confluence of Bradshaw and North Fork. Bradshaw is the one with more turbidity.



4. Sediment into UNT at Yellow Finch Rd





5. Soil slippage on ROW above Yellow Finch Rd



Once again this shows the MVP cannot do this project and protect our environment, our water, and endangered species.

Thank you,

Tina Badger